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ENTSO-E GENERAL CODE LISTS FOR DATA INTERCHANGE

Complete compilation of ENTSO-E Code Lists used by ENTSO-E XML Electronic Documents

Current Version: 36, Current Release: 0, Release date: 2015-06-09

Modification date	Code List	Changes
2009-11-19		
	AuctionTypeList	Added A05
	BusinessTypeList	Added A62, A63, A64, A65, A66, A67, A68
	CategoryTypeList	Added A01, A02, A03, A04
	MessageTypeList	Restored A33, A34, A35; Added A44, A45, A46, A47, A48, A49 A50
	ObjectAggregationTypeList	Added A05
	ProcessTypeList	Added A29, A21, A22, A23, A24, A25
	QualityTypeList	Added A01, A02, A03, A04
	ReasonCodeTypeList	Added A99, B01, B02, B03, B04, B05
	RoleTypeList	Added A36
	StatusTypeList	Added A12
	TarifTypeList	Added A01, A02, A03, A04, A05, A06, A07
2010-01-14		
	AllocationModeTypeList	Added A01, A02, A03, A04
	ContractTypeList	Added A10
	CurrencyTypeList	Added TRY
	CurveTypeList	Added A01, A02, A03, A05
	MessageTypeList	Added A51
	ObjectAggregationTypeList	Added A06, A07
	PaymentTermsTypeList	Added A01, A02, A03
	RightsTypeList	Added A01, A02, A03, A04, A05, A06
2010-05-19		

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	EnergyProductTypeList	Added 8716867009911
2010-06-21		
	MessageTypeList	Added A52
	BusinessTypeList	Added A69
	ReasonCodeTypeList	Modified description A28
2010-10-11		
	ContractTypeList	Added A11
	MessageTypeList	Added A53, A54
	ProcessTypeList	Added A26
2010-12-13		
	ContractTypeList	Added A12
	BusinessTypeList	Added A70, A71, A72,A73,A74,A75
	MessageTypeList	Added A55, A56, A57, A58
	ReasonCodeTypeList	B06
	RoleTypeList	A37, A38
	EicTypeList	V
2010-12-28		
	ContractTypeList	Corrected description A12
2011-02-21		
	BusinessTypeList	Added A76
2011-04-15		
	BusinessTypeList	Added A77, A78, A79, A80
	ReasonCodeList	Added B07, B08
2011-05-02		
	MessageType	Added A59, A60
2011-05-23		
	codingScheme	Added NNN
	BusinessType	Added A81, A82, A83, A84
	ReasonCode	Added B09
	MessageType	Added A62
2011-05-27		
	BusinessType	Added A85
2011-09-07		
	PriceDirection	Added A01, A02
2011-10-01		
	PriceCategory	Added A01, A02, A03
	BusinessType	Added A86, A87
	MessageType	Added A63, A64

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	reasonCodeType	Added B10, B11, B12
2012-04-16		
	BusinessType	Added A88
	reasonCodeType	Added B13, B14, B15
2012-05-24		
	MessageType	Added A65
2012-11-02		
	MessageType	Added A66 Modified A64
	ReasonCode	Added B16
2013-02-08		
	MessageType	Added A67
	ReasonCode	Added B17
	ProcessType	Added A27, A28, A29, A30
	BusinessType	Added A89, A90 changed A10, A11, A12
2013-09-12		
	MessageType	Added A68-A95
	ReasonCode	Added B18-B20
	ProcessType	Added A31- A38
	BusinessType	Added A91-B11
	RoleType	Added A39
	StatusType	Added A13
	ObjectAggregationType	Added A08
	ContractType	Added A13
	PriceCategoryType	Added A04, A05
	AssetType	Added A04, A05, B01-B20
2013-09-24		
	ReasonCode	Added B21, B22, B23
	BusinessType	Added B12, modified A54
2014-01-13		
	AssetType	Added B21, B22, B23, B24
	AllocationMode	Added A05
	AuctionType	Added A06
	ReasonCode	Added B24, B25
2014-01-17		
	PriceCategoryType	Added A06, A07
	BusinessType	Added B13, B14, B15
2014-04-14		
	BusinessType	Added B16, B17

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2014-04-29		
	BusinessType	Added B18 to B29
	ProcessType	Added A40
2014-10-15		
	ObjectAggregationType	Added A09, A10, A11
	CurrencyType	Added BGN, LTL, RON, ISK, LEK, MKD, RSD, BAM
	HVDCModeType	Added codelist with A01, A02, A03
	UnitSymbol	Added codelist with MAW, KVT
2014-11-18		
	DocumentType	Added A96, A97, A98, A99, B01, B02
	ProcessType	Added A41, A42
	BusinessType	Added B30
	EicType	Added A
2015-03-05		
	UnitOfMeasureType	Added C62, AMP
2015-03-20		
	BusinessType	Added B31, B32
	UnitOfMeasureType	Added KVR
	QualityType	Added A05
2015-03-26		
	UnitSymbolType	Added P1, AMP, C62
2015-04-27		
	CurrencyType	Added SAR
	StatusType	Added A14, A15, A16, A17
	AssetType	changed B20
2015-06-09		
	DocumentType	Added B03; B04; B05
	RoleType	Added A40; A41, A42
	BusinessType	Added B33; B34

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1 StandardAllocationModeTypeList,

StandardAllocationModeTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Order by price with pro rata	The allocation method is by price with eventual pro rata.
A02	Order by price with first come - first served	The allocation method is by price with eventual use of first come first served
A03	First come - First served	The allocation method is first come first served
A04	Pro rata	The allocation method is Pro rata
A05	Continuous	The allocation method is continuous, i.e. there is no gate closure time when bids from the market participants are collected. Instead allocation procedure takes place immediately.

2 StandardAssetTypeList,

StandardAssetTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Tieline	A high voltage line used for cross border energy interconnections
A02	Line	A specific electric line within a country
A03	Resource Object	A resource that can either produce or consume energy
A04	Generation	A resource that can produce energy
A05	Load	A resource that can either consume energy
B01	"Biomass"	A resource using biomass for energy
B02	"Fossil Brown coal/Lignite"	A resource using Fossil Brown coal/Lignite for energy
B03	"Fossil Coal-derived gas"	A resource using Fossil Coal-derived gas for energy
B04	"Fossil Gas"	A resource using Fossil Gas for energy

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B05	"Fossil Hard coal"	A resource using Fossil Hard coal for energy
B06	"Fossil Oil"	A resource using Fossil Oil for energy
B07	"Fossil Oil shale"	A resource using Fossil Oil shale for energy
B08	"Fossil Peat"	A resource using Fossil Peat for energy
B09	"Geothermal"	A resource using Geothermal for energy
B10	"Hydro Pumped Storage"	A resource using Hydro Pumped Storage for energy
B11	"Hydro Run-of-river and poundage"	A resource using Hydro Run-of-river and poundage for energy
B12	"Hydro Water Reservoir"	A resource using Hydro Water Reservoir for energy
B13	"Marine"	A resource using Marine for energy
B14	"Nuclear"	A resource using Nuclear for energy
B15	"Other renewable"	A resource using Other renewable for energy
B16	"Solar"	A resource using Solar for energy
B17	"Waste"	A resource using Waste for energy
B18	"Wind Offshore"	A resource using Wind Offshore for energy
B19	"Wind Onshore"	A resource using Wind Onshore for energy
B20	"Other"	A resource using other sources for producing energy
B21	"AC Link"	Overhead line or cable which is used to transmit electrical power via Alternative Current.
B22	"DC Link"	Overhead line or cable which is used to transmit electrical power via Direct Current.
B23	"Substation"	An assembly of equipment in an electric power system through which electric energy is passed for transmission, transformation, distribution or switching.
B24	"Transformer"	Electrical device that transfers energy from one voltage level to

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		another voltage level.

3 StandardAuctionTypeList,

StandardAuctionTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Implicit	The auction is an implicit auction
A02	Explicit	The auction is an explicit auction
A03	Rule Based	The auction is a rule based auction
A04	Mixed	The auction is partially implicit and partially explicit
A05	Explicit/split	The auction concerns two explicit auctions on a split border
A06	Shadow auction	An explicit auction carried out in the case of the failure of an implicit auction.

4 StandardBusinessTypeList,

StandardBusinessTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Production	The nature of the business being described is production details
A02	Internal trade	The nature of the business being described is internal trade details.
A03	External trade explicit capacity	The nature of the business being described is external trade details between two areas with limited capacity requiring a capacity agreement identification.
A04	Consumption	The nature of the business being described is consumption details.
A05	External trade total	The nature of the business being described is external trade total.Note: This code has been deprecated and the code A06 in conjunction with the adequate Object Aggregation code should be used instead. In a future release the code will be deleted.
A06	External trade without explicit capacity	The nature of the business being described is external trade details

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		between two areas without requiring capacity allocation informaiton.
A07	Net Production / Consumption	Net production/consumption - where signed values will be used. With the following rules: In area=Out area, In party=Out party, + means production and - means consumption..
A08	Net internal trade	Net internal trade - where the direction from out party (seller) to in party (buyer) is positive and the opposite direction is negative (with minus signs).
A09	IPP (Independent Power Producer)	A time series concerning the production schedule from an IPP.
A10	Tertiary control	A time series concerning tertiary reserve.
A11	Primary control	A time series concerning primary reserve.
A12	Secondary control	A time series concerning secondary reserve.
A13	Load profile	A time series concerning a load profile as calculated by a Metered data aggregator.
A14	Aggregated energy data	A time series concerning adjusted metered readings received from a metered data collector and aggregated and validated by a metered data aggregator.
A15	Losses	A time series concerning losses that have been calculated for a tieline or an area.
A16	Transits (CBT)	A time series concerning inter area transit flows determined for CBT requirements.
A17	Settlement deviation	A time series concerning the imbalance energy calculated by an imbalance settlement responsible.
A18	Technical constraint deviation	A time series defining the imbalance between schedules accepted by the system operator due to technical constraints and

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		schedules declared by the balance responsible party.
A19	Balance energy deviation	A time series defining the imbalance between the schedule of a balance responsible party that has been corrected by the system operator after using balance energy bids and the schedule that was accepted by the system operator due to technical constraints
A20	Imbalance volume	A time series defining the imbalance between the actual meter readings and the schedule of the balance responsible party corrected by the system operator after using balance energy bids.
A21	Inadvertant deviation	A time series concerning tieline deviation.
A22	Frequency control	A time series concerning primary and secondary reserve (See ETSO TF Balance Management definition).
A23	Balance management	A time series concerning energy balancing services (See ETSO TF Balance Management definition).
A24	Total trade	A time series concerning the total of both the internal and external trades.
A25	General Capacity Information	A time series providing the total capacity available on a TSO border.
A26	Available transfer capacity (ATC)	Available transfer capacity as defined in the ETSO document "Definitions of Transfer Capacities in liberalised Electricity Markets" April 2001
A27	Net transfer capacity (NTC)	Net transfer capacity as defined in the ETSO document "Definitions of Transfer Capacities in liberalised Electricity Markets" April 2001.
A28	Control Area Program	A time series providing the total exchanges between two TSOs (including the commercial

		transactions, the compensation program and the losses compensation program). (note this definition might change when UCTE brings forward its coding requirements).
A29	Already allocated capacity (AAC)	Already Allocated Capacity as defined in the ETSO document "Definitions of Transfer Capacities in liberalised Electricity Markets" April 2001
A30	Internal inter area trade	A trade that occurs between internal areas within a market balance area
A31	Offered Capacity	The time series provides the offered capacity
A32	Capacity transfer notification	The time series provides information concerning the notification of the transfer of capacity to another market participant
A33	Authorised AAC	The time series in question provides the amount of transmission capacity rights to be nominated
A34	Capacity rights	The time series in question provides the capacity rights allocated for a given border
A35	Minimum authorised AAC	The time series in question provides the minimum amount of transmission capacity rights to be nominated
A36	Maximum authorised AAC	The time series in question provides the maximum amount of transmission capacity rights to be nominated
A37	Installed generation	The time series in question provides the installed generation
A38	Available generation	The time series in question provides the available generation
A40	Interconnection Trade Responsible Designation	The Time series in question provides the designation of the ITR that may nominate the capacity in question

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A41	Released AAC	The already allocated capacity (AAC) that has been released for resale
A42	Requested capacity (with price)	The time series in question provides information concerning the requested capacity including price information
A43	Requested capacity (without price)	The time series in question provides information concerning the requested capacity but excludes price information
A44	Compensation program	Compensation of UNINTENTIONAL DEVIATIONS is performed by exporting to / importing from the interconnected system during the compensation period by means of schedules as calculated during the accounting of unintentional deviations
A45	Schedule activated reserves	The cross border or internal reserves that are to be activated through schedule nomination
A46	System Operator redispatching	The cross border redispatching between System Operators that are to be activated through schedule nomination
A47	Market capacity price	The price of the capacity offered on a given market
A48	Market capacity price differential	The difference between the price of capacity in a Market Balance Area receiving the capacity (In Area) and the price of capacity in a Market Balance Area providing the capacity (Out Area). (i.e. In Area Price - Out Area price).
A49	Inflow	The volume of water that flows into a reservoir in a given interval
A50	Water extraction	The volume of water that can be extracted from a resevoir in a given interval
A51	Turbined water	The volume of water that can be turbined in a plant in a given interval
A52	Water spillage	The volume of water that is not

		turbined going through the spilway in a given interval
A53	Planned maintenance	Maintenance has been planned for the object in question with a forecast ending date.
A54	Unplanned outage	An unplanned outage has occurred on the object in question.
A55	Use it Or Sell it (UIOSI) pricing	The time series provides information on the capacity resold in the "use it or sell it" process and its corresponding price.
A56	Compensation for auction cancellation where capacity is for resale	The time series provides information on the compensation of the capacity for resale following an auction cancellation
A57	Resale pricing	For each Physical Transmission Rights holder, this document contains the resold capacity and its corresponding price.
A58	Curtailed capacity compensation	The time series provides information to compensate a party when curtailment is applied on the capacity obtained in a previous auction, resale or transfer.
A59	Use it Or Sell it (UIOSI) compensation	The time series provides information on the compensation for the capacity following an auction cancellation
A60	Minimum possible	The time series provides a schedule of minimum possible values for a Resource Object. The nature of the flow could be defined by the attribute Direction.
A61	Maximum available	The time series provides a schedule of maximum available values for a Resource Object. The nature of the flow could be defined by the attribute Direction.
A62	Spot price	The time series provides athe market spot prices from an auction.
A63	Minimum ATC	The Available Transmission Capacity that must be guaranteed

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		because of regulatory constraints.
A64	Meter Measurement data	The data as provided for a meter measurement source.
A65	Accounting Point Relevant data	The metered data that is to be considered relevant for accounting purposes.
A66	Energy flow	Energy flow information.
A67	Power plant energy Schedule	Energy flow scheduled for a power plant.
A68	Compensation Requirements for the compensation period	The time series provides the compensation requirements for a given compensation period.
A69	Market coupling results	The time series provides the results of a market coupling auction.
A70	Production, unavailable	Production capacity that normally would be available, but due to maintenance or similar is temporarily unavailable.
A71	Supplementry available generation	The supplementry generation that is available.
A72	Interruptible consumption	The consumption that may be interrupted on request.
A73	Summarised Market Balance Area Schedule	A time series providing the total exchanges based on commercial transactions between two Market Balance Areas.
A74	Load Frequency Control Program Schedule	A time series providing the schedule information for the Load Frequency Control Program of a Control Area or a Control Block.
A75	Timeframe Independent Schedule	A time series providing the total exchanges of Timeframe Independent Schedules between two System Operators.
A76	Consumption curtailment	A time series providing the amount of voluntary consumption curtailed by the energy supplier of an end-consumer.
A77	Production, dispatchable	The nature of the business being described is dispatchable production details, i.e. generation output that can be changed by a request (activation order) of the

		TSO according with the applicable Market Rules.
A78	Consumption, dispatchable	The nature of the business being described is dispatchable consumption details, i.e. consumption output that can be changed by a request (activation order) of the TSO according with the applicable Market Rules.
A79	Production, non-dispatchable	The nature of the business being described is non-dispatchable production details, i.e. generation output that cannot be modified by an activation order.
A80	Consumption, non-dispatchable	The nature of the business being described is non-dispatchable consumption details, i.e. consumption output that cannot be modified by an activation order.
A81	Total Transfer Capacity (TTC)	The Total Transfer Capacity is the maximum exchange program between two areas compatible with operational security standards applicable at each system if future network conditions, generation and load patterns were perfectly known in advance.).
A82	Mutual Emergency Assistance Service (MEAS)	The cross border Mutual Emergency Assistance Service between System Operators that are to be activated through schedule nomination .
A83	Auction cancelation	The time series covers auction cancelation rights .
A84	Nomination curtailment	The time series covers nomination curtailment rights
A85	Internal redispatch	Redispatch to relieve Market Balance Area internal congestion.
A86	Control area balance energy	A sum of secondary, tertiary control as well as other energy that was used to balance a control area.
A87	Balancing energy price	Price of energy used to balance.

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A88	Economised secondary reserve	The activated secondary reserve that had been economised due to pooled reserve management.
A89	Spinning reserve	The extra generating capacity that is available by increasing the production of generators that are already connected to the power system.
A90	Solar	The business being described concerns solar power.
A91	positive forecast margin	The business being described concerns a positive forecast margin.
A92	Negative forecast margin	The business being described concerns a negative forecast margin.
A93	Wind generation	The business being described concerns wind generation.
A94	Solar generation	The business being described concerns solar generation.
A95	Frequency containment reserve	The business being described concerns frequency containment reserve.
A96	Automatic frequency restoration reserve	The business being described concerns automatic frequency restoration reserve.
A97	Manual frequency restoration reserve	The business being described concerns manual frequency restoration reserve.
A98	Replacement reserve	The business being described concerns replacement reserve.
A99	Financial information	The business being described concerns financial information.
B01	Interconnector network evolution	The business being described concerns interconnector network evolution.
B02	Interconnector network dismantling	The business being described concerns interconnector network dismantling.
B03	Counter trade	The business being described concerns counter trades.
B04	Congestion costs	The business being described concerns congestion costs.

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B05	Capacity allocated (including price)	The business being described concerns capacity allocation and includes price information.
B06	DC link constraint	The business being described concerns DC link constraints.
B07	Auction revenue	The business being described concerns auction revenue.
B08	Total nominated capacity	The business being described concerns the total nominated capacity.
B09	Net position	The business being described concerns net position.
B10	Congestion income	The business being described concerns congestion income.
B11	Production unit	The business being described concerns a production unit.
B12	Rounded market coupling results	Rounded outputs of the market coupling to be sent to TSOs and Market Participants.
B13	Allocation Revenue	The time series provides information on the revenu generated by the allocations.
B14	Production deviation	A time series concerning the imbalance energy between the metered production and the schedules calculated by an imbalance settlement responsible.
B15	Consumption deviation	A time series concerning the imbalance energy between metered consumption and the forecasted consumption calculated by an imbalance settlement responsible.
B16	Transmission asset	The business being described concerns a transmission asset.
B17	Consumption unit	The business being described concerns a consumption unit.
B18	In-feed ATC	Available Transfer Capacity at the in-feed side of a DC tieline.
B19	Out-feed ATC	Available Transfer Capacity at the out-feed side of a DC tieline.
B20	Balance up regulation price	A time series concerning balance regulation market prices for up

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		regulation.
B21	Balance down regulation price	A time series concerning balance regulation market prices for down regulation.
B22	Main direction	A time series concerning the direction of balance regulations.
B23	Consumption imbalance price	A time series concerning imbalance prices for consumption.
B24	Production sales imbalance price	A time series concerning imbalance prices for production sales.
B25	Production purchase imbalance price	A time series concerning imbalance prices for production purchase.
B26	Average balance price between MBAs	A time series concerning the average prices between Market Balance Areas.
B27	Pumped	A time series concerning the electricity consumption related to pumping.
B28	Large installation consumption	A time series concerning consumption from large installation.
B29	Metering Grid Area (MGA) imbalance	A time series concerning imbalance between reported consumption, production and exchange in a Metering Grid Area.
B30	HVDC Link settings	The time series in question provides HVDC Link settings.
B31	Transmission Reliability Margin (TRM)	A time series concerning Transmission Reliability Margin (TRM).
B32	Imbalance component for a pool	This information is used to provide to a pool manager the combined imbalance of all the pool participants.
B33	Area Control error (ACE)	The sum of the instantaneous difference between the actual and the set-point value of the measured total power value and Control Program including Virtual Tie-Lines for the power

		interchange of a LFC Area or a LFC Block and the frequency bias given by the product of the K-Factor of the LFC Area or the LFC Block and the Frequency Deviation.
B34	Area Control Error after Imbalance Netting	A time series concerning the Area Control Error after applying the imbalance netting energy correction.

5   StandardCategoryTypeList,

StandardCategoryTypeList		
CODE	DEFINITION	DESCRIPTION/DisplayName
A01	Base	The auction is for a base period
A02	Peak	The auction is for a peak period
A03	Off peak	The auction is for an off peak period.
A04	Hourly	The auction is for an hourly period.

6   StandardClassificationTypeList,

StandardClassificationTypeList		
CODE	DEFINITION	DESCRIPTION/DisplayName
A01	Detail type	The Time Series content provides detailed information.
A02	Summary type	The Time Series content provides aggregated information.

7   StandardCodingSchemeTypeList,

StandardCodingSchemeTypeList		
CODE	DEFINITION	DESCRIPTION/DisplayName
A01	EIC (Preferred)	The coding scheme for the preceding attribute is the Energy Identification Coding Scheme (EIC), maintained by ENTSO-E.
A10	GS1 (Preferred)	The coding scheme for the preceding attribute is the Global

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		Location Number (GLN 13) or Global Service Relation Number (GSRN 18), maintained by GS1.
NAD	Andorra National coding scheme	The National coding scheme of the country in question.
NAL	Albania National coding scheme	The National coding scheme of the country in question.
NAM	Armenia National coding scheme	The National coding scheme of the country in question.
NAT	Austria National coding scheme	The National coding scheme of the country in question.
NAZ	Azerbaijan National coding scheme	The National coding scheme of the country in question.
NBE	Belgium National coding scheme	The National coding scheme of the country in question.
NBA	Bosnia and Herzegovina National coding scheme	The National coding scheme of the country in question.
NBG	Bulgaria National coding scheme	The National coding scheme of the country in question.
NHR	Croatia National coding scheme	The National coding scheme of the country in question.
NCZ	Czech Republic National coding scheme	The National coding scheme of the country in question.
NDK	Denmark National coding scheme	The National coding scheme of the country in question.
NEE	Estonia National coding scheme	The National coding scheme of the country in question.
NFI	Finland National coding scheme	The National coding scheme of the country in question.
NFR	France National coding scheme	The National coding scheme of the country in question.
NGE	Georgia National coding scheme	The National coding scheme of the country in question.
NDE	Germany National coding scheme	The National coding scheme of the country in question.
NGI	Gibraltar National coding scheme	The National coding scheme of the country in question.
NGR	Greece National coding scheme	The National coding scheme of the country in question.
NHU	Hungary National coding scheme	The National coding scheme of the country in question.

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NIE	Ireland National coding scheme	The National coding scheme of the country in question.
NIT	Italy National coding scheme	The National coding scheme of the country in question.
NKZ	Kazakstan National coding scheme	The National coding scheme of the country in question.
NKG	Kyrgyzstan National coding scheme	The National coding scheme of the country in question.
NLV	Latvia National coding scheme	The National coding scheme of the country in question.
NLI	Liechtenstein National coding scheme	The National coding scheme of the country in question.
NLT	lithuania National coding scheme	The National coding scheme of the country in question.
NLU	Luxembourg National coding scheme	The National coding scheme of the country in question.
NMK	Macedonia National coding scheme	The National coding scheme of the country in question.
NMD	Moldovia National coding scheme	The National coding scheme of the country in question.
NMA	Morocco National coding scheme	The National coding scheme of the country in question.
NNL	Netherlands National coding scheme	The National coding scheme of the country in question.
NNO	Norway National coding scheme	The National coding scheme of the country in question.
NPL	Poland National coding scheme	The National coding scheme of the country in question.
NPT	Portugal National coding scheme	The National coding scheme of the country in question.
NRO	Romania National coding scheme	The National coding scheme of the country in question.
NRU	Russian Federation National coding scheme	The National coding scheme of the country in question.
NCS	Serbia and Montenegro National coding scheme	The National coding scheme of the country in question.
NSK	Slovakia National coding scheme	The National coding scheme of the country in question.
NSI	Slovenia National coding scheme	The National coding scheme of the country in question.
NES	Spain National coding scheme	The National coding scheme of the country in question.

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NSE	Sweden National coding scheme	The National coding scheme of the country in question.
NCH	Switzerland National coding scheme	The National coding scheme of the country in question.
NTR	Turkey National coding scheme	The National coding scheme of the country in question.
NUA	Ukraine National coding scheme	The National coding scheme of the country in question.
NGB	United Kingdom National coding scheme	The National coding scheme of the country in question.
NNN	Nordic Regional coding scheme	The coding scheme of the Noridc region which covers Norway, Sweden, Denmark and Finland.

8 StandardContractTypeList,

StandardContractTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Daily	The condition under which capacity is allocated and handled is by daily auction or a daily transmission allocation procedure.
A02	Weekly	The condition under which capacity is allocated and handled is by weekly auction or a weekly transmission allocation procedure.
A03	Monthly	The condition under which capacity is allocated and handled is by monthly auction or a monthly transmission allocation procedure.
A04	Yearly	The condition under which capacity is allocated and handled is by yearly auction or a yearly transmission allocation procedure.
A05	Total	This is the sum of all capacity contract types for the period covered.
A06	Long term contract	The condition under which capacity is allocated and handled

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		is by long term trade agreements according to European regulations.(EU Directive 1228/2003).
A07	Intraday contract	The condition under which the capacity is allocated and handled is through an intraday auction and allocation process.
A08	Quarter yearly	The condition under which capacity is allocated and handled is by quarter yearly auction or a quarter yearly transmission allocation procedure.
A09	Semestrial	The condition under which capacity is allocated and handled is by half yearly auction or a half yearly transmission allocation procedure.
A10	Multiple year	The condition under which capacity is allocated and handled is by multiple year auctions.
A11	Intraday balancing mechanism	The condition under which the capacity is allocated and handled is through intraday energy balancing services.
A12	Historical contract	A Contract established before the EU directive that are valid until the term of the contract.
A13	Hourly	The condition under which capacity is allocated and handled is by hourly auctions.

9   StandardCurrencyTypeList,

StandardCurrencyTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
EUR	EURO	The European legal tender
USD	US Dollar	The legal tender of the USA
DKK	Danish Kroner	The Legal tender of Denmark.
NOK	Norwegian Kroner	The Legal tender of Norway.
CHF	Swiss Franc	The Legal tender of Switzerland.
GBP	Pound Sterling	The Legal tender of the United Kingdom.

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SAR	Saudi Arabian Riyal	The Legal tender of Saudi Arabia.
SEK	Swedish kroner	The Legal tender of Sweden.
PLN	Polish zloty	The Legal tender of Poland.
CZK	Czech Koruna	The legal tender of the Czech Republic
SKK	Slovak Koruna	The legal tender of Slovakia
HRK	Croatian kuna	The legal tender of Croatia
HUF	Hungarian Forint	The Legal tender of Hungary.
TRY	New Turkish Lira	The Legal tender of Turkey.
BGN	Bulgarian lev	The Legal tender of Bulgaria
LTL	Lithuanian litas	The Legal tender of Lithuania
RON	Romanian Leu	The Legal tender of Romania
ISK	Icelandic krona	The Legal tender of Iceland
LEK	Albanian lek	The Legal tender of Albania
MKD	Macedonian denar	The Legal tender of FYROM
RSD	Serbian dinar	The Legal tender of Serbian Republic
BAM	Bosnian convertible marka	The Legal tender of Bosnia and Herzegovina

10 StandardCurveTypeList,

StandardCurveTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Sequential fixed size block	The curve is made of successive Intervals of time (Blocks) of constant duration (size), where the size of the Blocks is equal to the Resolution of the Period.
A02	Point	The curve is made of successive instants of time (Points).
A03	Variable sized Block	The curve is made of successive Intervals of time (Blocks) of variable duration (size), where the end date and end time of each Block are equal to the start date and start time of the next Interval. For the last Block the end date and end time of the last Interval would be equal to EndDateTime of

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		TimeInterval.
A04	Overlapping breakpoint	The curve is made of successive Intervals of time of variable duration (size), where the end date and end time of each interval are equal to the start date and start time of the next Interval.
A05	Non-overlapping breakpoint	This curve is a restriction of the curve type A04, i.e. overlapping breakpoints. The restriction is that a single Period is allowed.

11 StandardDirectionTypeList,

StandardDirectionTypeList		
CODE	DEFINITION	DESCRIPTION/DisplayName
A01	UP	Up signifies that the available power can be used by the Purchasing area to increase energy.
A02	DOWN	Down signifies that the available power can be used by the Purchasing area to decrease energy.
A03	UP and DOWN	Up and Down signifies that the UP and Down values are equal.
A04	Stable	The direction at a given instant in time is considered to be stable.

12 StandardDocumentTypeList,

StandardDocumentTypeList		
CODE	DEFINITION	DESCRIPTION/DisplayName
A01	Balance responsible schedule	A schedule which has been prepared by a balance responsible party providing planned schedule information.
A02	Allocated capacity schedule	A schedule which has been prepared by a capacity allocator providing allocated capacity.
A03	Balance area schedule	A schedule that provides the planned schedule information for a balance area.

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A04	System Operator area schedule	A compilation of all external schedules concerning two System Operator areas of all balance responsible parties.
A05	Control block area schedule	A compilation of all the exchange programs of all control areas for one control block with all neighbouring control areas of a neighbouring control block.
A06	Coordination center area schedule	A compilation of the exchange programs of all exchange blocks divided into UCTE south and north.
A07	Intermediate confirmation report	An intermediate confirmation report that may be produced between final cutoffs.
A08	Final confirmation report	A final confirmation report that is produced after a final cutoff.
A09	Finalised schedule	A compilation of a set of schedules that have been finalized after a given cutoff.
A10	Regulation data report	A compilation of the time series employed on a given day to ensure the balance of the system.
A11	Aggregated energy data report	A compilation of the time series of all the meter readings or their equivalent for a given period.
A12	Imbalance report	The report containing the complete situation of a given period for a party and including the schedules, regulation data and actual or calculated readings.
A13	Interconnection Capacity	Document for cross-border capacity exchanges
A14	Resource Provider Resource Schedule	A document providing the schedules for resource objects submitted by a resource provider
A15	Acquiring System Operator Reserve Schedule	A document providing reserve purchases submitted by an Acquiring System Operator
A16	Anomaly Report	A document providing anomaly information for the receiving party to correct.
A17	Acknowledgement	A document providing

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	Document	acknowledgement information.
A18	Confirmation report	A document providing confirmation information.
A19	Capacity for Resale	A document providing information about capacity for resale
A20	Approved Capacity Transfer	A document to approve a capacity transfer
A21	Capacity transfer notification	A document notifying a capacity transfer
A22	Transmission rights portfolio	A document providing the portfolio of the transmission capacity rights of a market participant
A23	Allocations	A document providing the capacity allocations for a border
A24	Bid document	A document providing bid information
A25	Allocation result document	A document providing the allocation results of an auction
A26	Capacity document	A document providing capacity information
A27	Rights document	A document providing transmission capacity rights information
A28	Generation availability schedule	This document contains information related to energyavailability.
A30	Cross border schedule	This document contains the cross border schedules for all the borders of a given country where energy is exchanged.
A31	Agreed capacity	The capacity agreed between parties
A32	Proposed capacity	The capacity proposed for agreement between parties
A33	System vertical load	The sum of all flows out of the transmission grid via directly connected transformers and lines to distribution grids and end consumers as known by the System Operator.
A34	Escalation document	A document which requesting

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		the escalation of a situation
A35	Trouble shooting document	A document providing trouble shooting information for the resolution of a problem
A36	Deactivation document	The capacity proposed for agreement between parties
A37	Reserve tender document	The document that is used for the tendering for reserves within the ERRP process
A38	Reserve Allocation Result Document	The document used to provide the results of a Reserve auction.
A39	SATCR activation	The document is used to provide the activation of reserves through the SATCR process.
A40	DATCR activation	The document is used to provide the activation of reserves through the DATCR process.
A41	Activation response	The document is used to provide a response to a request to activate reserves.
A42	Tender reduction	The document is used to provide information concerning the reduction of a previously submitted tender
A43	MOL Document	The document is used to provide Merit Order List information.
A44	Price Document	The document is used to provide market spot price information.
A45	Measurement Value Document	The document is used to provide measurement information from measurement devices.
A46	SOAM Document	The document is used to provide system operator accounting data for matching
A47	SOVA Document	The document is used to provide system operator validated accounting data.
A48	CCVA Document	The document is used to provide coordination center validated accounting data.
A49	Daily settlement document	The document is used to provide daily settlement information.
A50	Weekly settlement	The document is used to provide

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	document	weekly settlement information.
A51	Capacity Auction Specification Document	The document is used to provide capacity auction specification information.
A52	Market Coupling Results Document	The document is used to provide the results of a market coupling auction.
A53	Outage publication Document	The document is used to provide the outage information for publication.
A54	Forced generation outage Document	A document providing information on forced generation outages.
A55	Summarised Market Schedule	A compilation of all external schedules concerning two Market Balance Areas of all balance responsible parties.
A56	Compensation Program Schedule	A schedule that provides the schedule information for the compensation of unintended deviation.
A57	Load Frequency Control Program Schedule	A schedule that provides the schedule information for the Load Frequency Control Program of a Control Area or a Control Block.
A58	Timeframe Independent Schedule	A compilation of all external Timeframe Independent Schedules concerning two System Operators.
A59	Status request for a status within a process	A status request being made concerning the status of information within the context of a specific ongoing process.
A60	status request for a position independently from a specific process	A status request concerning the position of an object independently of any ongoing processes.
A61	Estimated Net Transfer Capacity	The estimated net transfer capacity for a given border.
A62	Compensation rights	The capacity rights that have been allocated as compensation.
A63	Redispatch notice	A notice to confirm the actions agreed between System

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		Operators to resolve a congestion situation through redispatch.
A64	Tender reduction response	A response to a tender reduction request that provides corrections to the initial document..
A65	System total load	Total load', including losses without power used for energy storage, is equal to generation deducted with exports, added with imports and deducted with power used for energy storage.
A66	Final MOL	A document providing the information concerning the situation of the MOL at the end of an activation period..
A67	Resource Provider Schedule for production/consumption	A document providing the schedules for production/consumption for resource objects submitted by a resource provider.
A68	Installed generation per type	A document providing the installed generation per generation type.
A69	Wind and solar forecast	A document providing the forecast of wind and solar generation.
A70	Load forecast margin	A document providing the load forecast margin for a period.
A71	Generation forecast	A document providing the generation forecast for a period.
A72	Reservoir filling information	A document providing information concerning the filling of reservoirs.
A73	Actual generation	A document providing the actual generation for a period.
A74	Wind and solar generation	A document providing the generation of wind and solar energy for a period.
A75	Actual generation per type	A document providing the actual generation per generation type for a period.
A76	Load unavailability	A document providing the unavailability of units providing

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		load on the network.
A77	Production unavailability	A document providing the unavailability of production units providing energy to the network.
A78	Transmission unavailability	A document providing the unavailability of transmission capacity on the network.
A79	Offshore grid infrastructure unavailability	A document providing the unavailability of an offshore grid infrastructure to the network.
A80	Generation unavailability	A document providing the unavailability of generation units providing energy to the network.
A81	Contracted reserves	A document providing the reserves contracted for a period.
A82	Accepted offers	A document providing the offers of reserves that have been accepted for a period.
A83	Activated balancing quantities	A document providing the quantities of reserves that have been activated for balancing.
A84	Activated balancing prices	A document providing the prices of the reserves that have been activated for balancing.
A85	Imbalance prices	A document providing the prices of reserves due to imbalance for a period.
A86	Imbalance volume	A document providing the volume of the imbalance for a period.
A87	Financial situation	A document providing the financial situation for reserves.
A88	Cross border balancing	A document providing the cross border balancing requirements for a period.
A89	Contracted reserve prices	A document providing the price of reserves contracted for a period.
A90	Interconnection network expansion	A document providing information on the expansion of the interconnection network.
A91	Counter trade notice	A document providing

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		information on counter trades for a period.
A92	Congestion costs	A document providing the cost of congestion for a period.
A93	DC link capacity	A document providing the DC links for a period.
A94	Non EU allocations	A document providing allocations made to non EU member states.
A95	Configuration document	A document providing configuration information for the network.
A96	Redispatch activation document	A document enabling the activation of a redispatch notice.
A97	Detailled activation history document	A document enabling a detailed history of activations.
A98	Aggregated activation history document	A document enabling an aggregated istory of activations.
A99	HVDC Link constraints	A document providing the information concerning the maximum and minimum active power flow through each link can limited.
B01	HVDC Configuration	A document providing the information concerning the power set point. The mode in which the HVDC is managed.
B02	HVDC Schedule	A document providing the information for operating DC links.
B03	EIC code request	A document providing the information requesting a new EIC code.
B04	EIC code information	A document providing EIC information in a central registry exchange or information to an EIC participant.
B05	EIC code publication	A document providing EIC publication information in a web site publication of a limited set of information.

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13 StandardEnergyProductTypeList,

StandardEnergyProductTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
8716867000016	Active power	The product of voltage and the in-phase component of alternating current measured in units of watts and standard multiples thereof.
8716867000023	Reactive power	The product of voltage and current and the sine of the phase angle between them, measured in units of voltamperes reactive and standard multiples thereof. (not used for planned schedules).
8716867000030	Active energy	The electrical energy produced, flowing or supplied by an electrical circuit during a time interval, being the integral with respect to time of instantaneous active power, measured in units of watt-hours, or standard multiples thereof.
8716867000047	Reactive energy	The integral with respect to time of reactive power. (not used for planned schedules).
8716867000139	Capacitive Reactive energy	Refer to the ETSO document "Energy product types Active - Reactive - Inductive - Capacitive"
8716867000146	Inductive Reactive energy	Refer to the ETSO document "Energy product types Active - Reactive - Inductive - Capacitive"
8716867009911	Water	For hydro power stations, this enables the identification of the quantity of water stored behind a dam (volume, head level, etc.), or the constraints in the flow of water.

14 StandardEicTypeList,

StandardEicTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**

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A	Substation	An EIC code to substations.
T	Tieline	An EIC code to identify tielines.
V	Location	An EIC code to identify locations.
W	Resource Object	An EIC code to identify resource objects.
X	Party	An EIC code to identify parties.
Y	Area or Domain	An EIC code to identify areas or domains.
Z	Measurement point	An EIC code to identify measurement points.

15 StandardHVDCModeTypeList,

StandardHVDCModeTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Setpoint schedule	The code for the "power setpoint" mode of operation of the HVDC link
A02	Proportional external signal	The code for the "Proportional external signal" mode of operation of the HVDC link
A03	AC emulation	The code for the "AC emulation" mode of operation of the HVDC link

16 StandardIndicatorTypeList,

StandardIndicatorTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	YES	A positive indication
A02	NO	A negative indication.

17 StandardObjectAggregationTypeList,

StandardObjectAggregationTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Area	The object being described concerns an area.
A02	Metering point	The object being described concerns a metering point.
A03	Party	The object being described

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		concerns a party.
A04	Agreement Identification	The object being described concerns an agreement identification
A05	Accounting point	The object being described concerns an accounting point
A06	Resource Object	The object being described concerns a resource object
A07	Tieline	The object being described concerns a tieline
A08	Resource type	The object being described concerns a resource type
A09	DC link	The object being described concerns a DC link
A10	AC link	The object being described concerns an AC link
A11	Merchant line	The object being described concerns a merchant line

18 StandardPaymentTermsTypeList,

StandardPaymentTermsTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Pay as bid	The amount to be paid shall correspond to the amount bid.
A02	Pay as cleared	The amount to be paid shall correspond to the amount calculated for clearing.
A03	No payment terms	There are no payment terms to be used.

19 StandardPriceCategoryTypeList,

StandardPriceCategoryTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Category 1	A category one price calculation is to be applied.
A02	Category 2	A category two price calculation is to be applied.
A03	Category 3	A category three price calculation is to be applied.
A04	Excess balance	The category concerns excess

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		balance.
A05	Insufficient balance	A category concerns insufficient balance.
A06	Average bid price	The average bid price for a given product.
A07	Single marginal bid price	The downwards activated bid price or the upwards activated bid price for activated balancing reserves.

20 StandardPriceDirectionTypeList,

StandardPriceDirectionTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Expenditure.	Expenditure (i.e. the Impacted Area System Operator pays to the internal Market Parties).
A02	Income.	Income (i.e. The Impacted Area System Operator receives from the internal Market Parties).

21 StandardProcessTypeList,

StandardProcessTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Day ahead	The information provided concerns a day ahead schedule.
A02	Intra day incremental	The information provided concerns an intra day schedule.
A03	Inter-area transit	The information provided concerns an inter area transit schedule. The rules governing this process are market dependent
A04	System operation closure	The information provided concerns the closure of a given period of both scheduled and regulation information
A05	Metered data aggregation	The information provided concerns the aggregation process of metered information
A06	Imbalance settlement	The information provided concerns the imbalance settlement for a given period for a balance

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		responsible party or parties
A07	Capacity allocation	The information provided concerns the capacity allocation process
A08	Central reconciliation	The process carried out to finalise the imbalance settlement based on actual metered values against provisional values from profiled metering points
A09	Released capacity allocation	The process concerns the notification of capacity rights that are being released
A10	Proposed capacity allocation	The process concerns the proposed capacity to be allocated for a given border
A11	Agreed capacity allocation	The process concerns the capacity that has been agreed for allocation for a border
A12	Long term	The process concerns scheduling all schedules except daily and intraday contracts.
A13	Post scheduling adjustment	The process concerns the adjustments made to previous schedules after the period of execution
A14	Forecast	The data contained in the document are to be handled in short, medium, long term forecasting process.
A15	Capacity determination	The process of determining the capacity for use
A16	Realised	The process for the treatment of realised data as opposed to forecast data
A17	Schedule day	The process concerns the day ahead, intraday and eventually ex-post scheduling in a single document. The schedule will be transferred within the total position including historic information
A18	Intraday total	This process concerns an intraday schedule which contains the accumulated day ahead and

		intraday current position.
A19	Intraday accumulated	This process concerns a single intraday schedule process where only intraday evolutions occur through version changes.
A20	SOMA process	System Operator meter alignment process.
A21	SOVM process	System Operator validated measurement process.
A22	RGCE accounting process	The document provides ENTSO-E Regional Group Continantal Europe accounting process information.
A23	CCSR RGCE Settlement	The process concerns the control center settlement report for the whole of the ENTSO-E Regional Group Continantal Europe.
A24	CBSR Settlement	The process concerns the control block settlement report.
A25	CASR Settlement	The process concerns the control area settlement report.
A26	Outage information	The process concerns TSO publication of outages on its power system.
A27	Reserve resource process	The process being described is for general reserve resources.
A28	Primary reserve process	The process being described is for primary reserves.
A29	Secondary reserve process	The process being described is for secondary reserves.
A30	Tertiary reserve process	The process being described is for tertiary reserves.
A31	Week ahead	The process being described is for the week ahead.
A32	Month ahead	The process being described is for the month ahead.
A33	Year ahead	The process being described is for the year ahead.
A34	Contracted	The process being described is for contracted information.
A35	Network information	The process being described is for network information.

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A36	Creation	The process being described is for the creation of information.
A37	Modification	The process being described is for the modification of information.
A38	Deactivation process	The process being described is for deactivation of information.
A39	Synchronisation process	The process being described is for the synchronisation of information.
A40	Intraday process	The process being described is for intraday process..
A41	Redispatch process	The process being described is for redispatch activation.
A42	Activation history process	The process being described is for the provisaion of an activation history.

22 StandardQualityTypeList,

StandardQualityTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Adjusted	The contents of the object have been adjusted
A02	Not available	The contents of the object are not available
A03	Estimated	The contents of the object are estimated
A04	As provided	The contents of the object are as provided
A05	Incomplete	The contents of the object are calculated based on incomplete data.

23 StandardReasonCodeTypeList,

StandardReasonCodeTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Message fully accepted	The message has been fully accepted for application processing
A02	Message fully rejected	No part of the message has been accepted for application

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		processing. For example: Global position incomplete
A03	Message contains errors at the time series level	Part of the message contents (i.e. certain time sereis) has been accepted for application processing. It is necessary to look at the time series level to determine the time series that have been rejected. The time series is excluded from the global position.
A04	Time interval incorrect	The schedule time interval is not within the contractual agreement or the period does not agree with the schedule time interval.
A05	Sender without valid contract	The sender has no current valid contract with the TSO. The message consequently will be fully rejected
A06	Schedule accepted	The schedule of the recipient as presented has been completely accepted
A07	Schedule partially accepted	The schedule of the recipient as presented has been partially accepted. It is necessary to look at the time series level to determine the changes (time series rejected, modified etc.)
A08	Schedule rejected	The schedule of the recipient as presented has been totally rejected. The cause could be the non presentation of a counter part for the involved trades
A09	Time series not matching	Time series mismatches.
A10	Credit limit exceeded	The contractual credit limit has been exceeded and as such the message has been rejected.
A20	Time series fully rejected	The time series has been fully rejected. In the case of a confirmation report, this reason code is used in conjunction with either A26 or A30.
A21	Time series accepted with specific time interval	The time series has been accepted but some time interval

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	errors	quantities have been rectified or zeroed out
A22	In party/Out party invalid	There is no contract for the parties indicated or the rules for cross border nominations are not being respected. The time series has been rejected
A23	Area invalid	The area is unknown or not allowed. The time series has been rejected.
A24		This code is no longer applicable
A25		This code is no longer applicable
A26	Default time series applied	The time series has been rejected and replaced with a default time series profile. This reason code may not be used in conjunction with A30.
A27	Cross border capacity exceeded	The cross border capacity has been exceeded. The time series has been rejected or adjusted
A28	Counterpart time series missing	This provides an indication that the time series has not got a counterpart time series. In the case of an Intermediate Confirmation Report this is advising the recipient that the time series may be rejected at nomination closure if the counterpart time series is not received. In the case of a Final Confirmation Report this is informing the recipient that the time series has been rejected because the counterpart time series has not been forthcoming.
A29	Counterpart time series quantity differences	The time series has been rejected as it does not match that of the counterpart who is considered by market rules to be correct
A30	Imposed Time series from nominated party's time	The nominated party's time series has replaced the current

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	series (party identified in reason text)	time series. This reason code may not be used in conjunction with A26.
A41	Resolution inconsistency	The resolution is not coherent with the time interval, or resolution not valid
A42	Quantity inconsistency	The quantity is not coherent. For example a time period with the same version number but different quantities or an non permitted number of digits after the decimal point, etc.
A43	Quantity increased	The quantity has been increased in order to satisfy minimum constraints
A44	Quantity decreased	The quantity has been decreased in order to satisfy congestion constraints
A45	Default quantity applied	The default quantity has been applied as the current quantity does not satisfy contractual obligations
A46	Quantities must not be signed values	The quantity proposed is illegal since signed values are only permitted in specific circumstances
A47		This code is no longer applicable
A48	Modification reason	In an intra day transmission, the reason for the modification is as follows (in the reason text).
A49	Position inconsistency	A position is missing or too many.
A50	Senders time series version conflict	There is an error in the senders time series version. (i.e. it could be superior to the message version or is inconsistent with the existing data). The time series has been rejected.
A51	Message identification or version conflict	The message identification is already in the receiving system. Or a higher version already exists. Message rejected
A52	Time series missing from	A time series is not contained in

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	new version of message	a new version of the message. Message rejected
A53	Receiving party incorrect	The receiving party is incorrect. Message rejected
A54	Global position not in balance	The message does not balance out to zero. Market rules might require that the message is rejected.
A55	Time series identification conflict	The identification of the time series is duplicated or incorrect. Time series will be rejected
A56	Corresponding Time series not netted	All corresponding time series must be netted. Time series rejected.
A57	Deadline limit exceeded/Gate not open	The deadline for receiving schedule messages has passed. Message or time series rejected.
A58	One to one nomination inconsistency	There is a one to one nomination inconstancy with the in/out parties or areas. Time series rejected
A59	Not compliant to local market rules	The level in which this is identified is not in compliance with local market rules. The level in question has been rejected.
A60	Inter-area transit schedule exceeds nominated schedule	The inter-area transit schedule exceeds the nominated schedule for the same time interval. The inter-area transit schedule is rejected.
A61	Currency invalid	The currency is not in compliance with ISO 4217.
A62	Invalid business type	The business type does not belong to the valid set of business types for the process in question.
A63	Time Series modified	The time series has been modified.
A64	Resource Object Invalid	The Resource Object defined in the document is not valid
A65	Reserve object Technical limits exceeded	Reserve objects aggregated values are not within technical/prequalified limits

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A66	Planned reserves do not correspond with contractual data	Planned reserves do not correspond with contractual data
A67	Limit Data is not available	Limit Data is not available
A68	Reserve Object not qualified for reserve type	Reserve Object is not qualified for reserve type
A69	Mandatory attributes missing	Mandatory attributes missing.
A70	Curtailment	The capacity in question has been curtailed
A71	Linked bid rejected due to associated bid unsuccessful	The bid in question has been rejected because an associated bid has been unsuccessful.
A72	Original bid divided to permit acceptance	The original bid quantity has been divided to enable it to be accepted
A73	Bid accepted	The bid in question has been accepted
A74	Auction Status	The information in the Reason Text provides auction status information
A75	Right status information	The information in the Reason Text provides status information concerning the transmission rights in question
A76	Agreement identification inconsistency	There is an inconsistency between the contract type and the agreement identification
A77	Dependency matrix not respected	There is an inconsistency between the document contents and the dependency matrix
A78	Sender identification and/or role invalid	The identification of the sender or the sender/role combination is invalid
A79	Process type invalid	The process type does not figure in the list of valid process types for this document
A80	Domain invalid	The domain does not figure in the list of valid domains for this document and process
A81	Matching period invalid	The period is not within the expected limits
A82	In/Out area inconsistant	The in and out area does not

	with domain	figure within the domain specified
A83	Disagree with matching results	The matching results provided are not consistant
A84	Confirmation ignored due to higher version already received	The report has been ignored since a higher version has been received
A85	Confirmation without adjustment (time series have been matched without change)	The report has been successfully matched without any changes
A86	Confirmation with adjustment (time series have been modified)	The report has been matched but required adjustment
A87	For action (only in intermediate confirmation - time series need mutual agreement and action)	The report in question is only for action in an intermediate stage
A88	Time series matched	The time series has been sucessfully matched
A89	Time series ignored (note: this can only apply to time series that are set to zero - see matching principles)	The time series has been ignored and not matched since it does not figure in a counterparty transmission. All are correctly equal to zero.
A90	Modification proposal (intermediate confirmation)	The document is a proposal for change before finalization
A91	Expected document not received	The document that is expected has not been received within the expected timeframe
A92	Not possible to send document on time, but estimated delivery time is provided	The document that is due cannot be transmitted within the required timeframe. An estimated time of transmission is provided
A93	Not possible to send document on time, and further more no expected time of return to normal situation	The document that is due cannot be transmitted within the required timeframe. The time of transmission of the document is unknown.
A94	Document cannot be processed by receiving system	The receiving system cannot process that document in question

A95	Complementary information	Additional text is provided in order to further explain a condition (for example to provide details of an outage)
A96	Technical constraint	A technical constraint has been applied
A97	Force majeure curtailment	Curtailment due to Force Majeure. A code that enables the identification of the curtailment reason for settlement purposes
A98	Network security curtailment	Curtailment due to network security reasons A code that enables the identification of the curtailment reason for settlement purposes
A99	Auction cancelled	The auction has been cancelled
B01	Incomplete document	The document is incomplete and cannot be processed
B02	Accounting Point (tie-line) Time Series missing	The document is incomplete as a time series for an accounting point is missing
B03	Meter data Time series missing	The document is incomplete as a time series for meter data is missing
B04	Estimated values not allowed in first transmission	The document is in its initial form and estimated values are not allowed
B05	No quantity values allowed for a quality that is not available	No quantity values are allowed for a quality that is not available.
B06	Time series accepted	Time series accepted for processing but not yet matched with counterparty and/or not yet verified against capacity.
B07	Auction without bids being entered	The auction has terminated without any bids being submitted. The ReasonText may provide the identification of the auction in question.
B08	Data not yet available	It is not possible to perform the necessary action since the required data for this action is not yet available.

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B09	Bid not accepted	The bid in question has NOT been accepted.
B10	Initiator area problem	The problem concerns the initiator area.
B11	Cooperating area problem	The problem concerns the cooperating area.
B12	Communication status currently active	The status within the system indicates that the communication capability is currently active.
B13	Communication status currently inactive	The status within the system indicates that the communication capability is currently inactive.
B14	Communication status currently restricted	The status within the system indicates that the communication capability is currently restricted.
B15	Problem associated with both areas	The problem concerns both areas.
B16	Tender unavailable in MOL list	A tender that has been requested is no longer available in the MOL.
B17	Price based on preliminary exchange rate	The price is based on a preliminary exchange rate.
B18	Failure	a failure has occurred.
B19	Forseen maintenance	Maintenance is foreseen.
B20	Shutdown	A shutdown has occurred.
B21	Official exchange rate approved	The official exchange rate has been approved.
B22	System regulation	The information provided regards a regulation for system purposes.
B23	Frequency regulation	The information provided regards a regulation for frequency purposes.
B24	Load flow overload	Situation in the grid, where loading of a certain grid element (e.g. overhead line) is above defined technical limits
B25	voltage level adjustment	A TSO activity to maintain an acceptable voltage profile throughout the network. This is

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		achieved by balancing of the respective reactive power requirements of the network and the customers.
999	Errors not specifically identified	This code is used to identify errors that have not been specifically addressed in the Reason code list. It can be used at any level and refers to the level for which it has been identified.

24 StandardRightsTypeList,

StandardRightsTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Use It Or Lose It	Any rights not nominated shall be lost.
A02	Use It Or Sell It	Any rights that are not nominated shall be sold
A03	Allocation curtailment possible	Rights acquired may be curtailed
A04	Nomination curtailment possible	Rights acquired may be curtailed at nomination.
A05	Resale possible	Acquired rights may be resold.
A06	Transfer possible	Acquired rights may be transferred.

25 StandardRoleTypeList,

StandardRoleTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Trade responsible party	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A02	Consumption responsible party	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A03	Combined power exchange (not to be used)	This role is no longer in the ENTSO-E Harmonised Role Model Document
A04	System operator	Refer to role model definitions in the ENTSO-E Harmonised Role

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		Model Document
A05	Imbalance settlement responsible	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A06	Production responsible party	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A07	Transmission capacity allocator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A08	Balance responsible party	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A09	Metered data aggregator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A10	Billing agent	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A11	Market operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A12	Balance supplier	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A13	Consumer	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A14	Control area operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A15	Control block operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A16	Coordination center operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A17	Grid access provider	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A18	Grid operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document

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A19	Meter administrator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A20	Party connected to grid	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A21	Producer	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A22	Profile maintenance party	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A23	Meter operator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A24	Metered data collector	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A25	Metered data responsible	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A26	Metering point administrator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A27	Resource Provider	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A28	Scheduling coordinator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A29	Capacity Trader	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A30	Interconnection Trade Responsible	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A31	Nomination Validator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document
A32	Market information aggregator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party that collects information from different sources and assembles it to provide

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		a summary of the market
A33	Information receiver	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party, not necessarily a market participant, that receives information about the market
A34	Reserve Allocator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party that informs the market of reserve requirements, receives tenders against the requirements and in compliance with the prequalification criteria, determines what tenders meet requirements and assigns tenders.
A35	MOL Responsible	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party that Informs the market of reserve requirements, receives tenders against the requirements and in compliance with the prequalification criteria, determines what tenders meet requirements and assigns tenders.
A36	Capacity Coordinator	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party, acting on behalf of the SOs involved, responsible for establishing a coordinated Offered Capacity and/or NTC and/or ATC between several Market Balance Areas.
A37	Reconciliation Accountable	Refer to role model definitions in the ENTSO-E Harmonised Role Model Document. A party that is financially accountable for the reconciled volume of energy products for a profiled local metering point.
A38	Reconciliation Responsible	A party that is responsible for reconciling, within a metering grid area, the volumes used in the imbalance settlement process for

		profiled metering points and the actual metered quantities.
A39	Data provider	A party that is responsible for providing information to a central authority.
A40	Local Issuing Office (LIO)	A party that is responsible for operating a Local Issuing Office (LIO).
A41	Central Issuing Office (CIO)	A party that is responsible for operating a Central Issuing Office (CIO).
A42	EIC Participant	A party that participates in the EIC environment.

26 StandardStatusTypeList,

StandardStatusTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Intermediate	The document is in a non finalized state.
A02	Final	The document is in a definitive state.
A03	Deactivated	The object being reported has been deactivated
A04	Reactivated	The object being reported has been reactivated
A05	Active	The object being reported is currently active
A06	Available	The tender indicated in the time series has the indicated quantities available.
A07	Activated	The quantities in the time series have been activated.
A08	In process	The quantities in the time series are in the process of activation (an activation request has been made).
A09	Cancelled	The tender indicated in the time series has been completely cancelled. In this case the resources are no longer available to all Acquiring System Operators
A10	Ordered	The quantities in the time series are to be activated.

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A11	No longer available	The tender indicated in the time series is no longer available (in the case where this is in an activation response document the resources are no longer available to the Acquiring System Operator).
A12	RGCE agreed	The information has been agreed within the ENTSO-E Regional Group Continental Europe process.
A13	Withdrawn	The information has been withdrawn by the submittor.
A14	Creation	The action requested to be carried out is the creation of a new object.
A15	Update	The action requested to be carried out is the update an existing object.
A16	Deactivation	The action requested to be carried out is to deactivate an existing object.
A17	Reactivation	The action requested to be carried out is to reactivate a previously deactivated object.

27 StandardTarifTypeTypeList,

StandardTarifTypeTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
A01	Winter HT	Winter HT tariff.
A02	Winter HHT	Winter HHT tariff.
A03	Winter NT	Winter NT tariff.
A04	Summer HT	Summer HT tariff.
A05	Summer HHT1	Summer HHT1 tariff.
A06	Summer HHT2	Summer HHT2 tariff.
A07	Summer NT	Summer NT tariff.

28 StandardUnitOfMeasureTypeList,

StandardUnitOfMeasureTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
MWH	Mega watt hours	The total amount of bulk energy transferred or consumed.
MAW	Mega watt	A unit of bulk power flow, which can be defined as the rate

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		of energy transfer /consumption when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor expressed in millions of a watt
MAH	Mega volt ampere reactive hours	Total amount of reactive power across a power system.
MAR	Mega volt ampere reactive	A unit of electrical reactive power represented by a current of one thousand amperes flowing due to a potential difference of one thousand volts where the sine of the phase angle between them is 1.
KWT	kilo watt	A unit of bulk power flow, which can be defined as the rate of energy transfer /consumption when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor expressed in thousands of a watt
KWH	kilo watt hour	A total amount of electrical energy transferred or consumed in one hour
P1	Percent	A unit of proportion equal to 0.01.
MTQ	Cubic metre	A Cubic metre
MQS	Cubic metres per second	The volume flow rate of cubic metres per second
MTR	Metre	The length of a metre
HMQ	Cubic hectometres	A unit of volume equal to one million cubic metres.
C62	One	A unit for dimensionless quantities, also called quantities of dimension one.
AMP	Ampere	The unit of electrical current in the International system of Units (SI) equivalent to one Coulomb per second.
KVR	Kilo volt ampere reactive	A unit of electrical reactive power represented by a current of one thousand amperes flowing due to a potential

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		difference of one thousand volts where the sine of the phase angle between them is 1. The unity power factor is expressed in thousands of a volt ampere reactive.

29 StandardUnitSymbolTypeList,

StandardUnitSymbolTypeList		
CODE	**DEFINITION**	**DESCRIPTION/DisplayName**
MAW	MW	The symbol of MW
KVT	kV	The symbol of kV
P1	Percent	A unit of proportion equal to 0.01.
C62	One	A unit for dimensionless quantities, also called quantities of dimension one.
AMP	Ampere	The unit of electrical current in the International system of Units (SI) equivalent to one Coulomb per second.