



EXPLANATORY DOCUMENT OF PROPOSAL OF BSP CONTRACTS

ELIA

March 2018

TABLE OF CONTENTS

EXPLANATORY DOCUMENT OF PROPOSAL OF BSP CONTRACTS.....	1
1. Introduction	3
2. Scope of Consultation	4
3. Structure of BSP Contracts.....	5
3.1. Current structure of BSP Contracts	5
3.2. Proposal of new structure of BSP Contracts	6
4. Compliance of Proposal with Article 18 §5 of the European guideline of electricity balancing	9
4.1. Requirements of Article 18 §5.....	9
4.2. Analysis of compliance to Article 18 §5	10
5. Terminology	13
6. Annex 1 – Common set of definitions for BSP Contracts	14

1. Introduction

The European Guidelines of Electricity Balancing (hereafter referred to as “EBGL”) dated 23 November 2017 requires the Transmission System Operator to submit the terms and conditions for balancing services providers to the relevant regulatory authorities 6 months after the entry into force of the regulation in Article 18 §1.

The present explanatory document presents the new structure of the set of balancing services contracts (hereafter “BSP Contracts”), which are the subject of this consultation and include the terms and conditions that fulfill specifications of article 18 §5 of EBGL.

According to Article 10 §1 of EBGL, Elia, as Transmission System Operator, shall prepare a draft proposal of these terms and conditions to be consulted for a period of no less than one month with stakeholders.

The purpose of the consultation is to obtain any comments from stakeholders involved. At the end of the public consultation, Elia provides a consultation report that will be made available to all stakeholders.

All reactions are made public on the Elia website, unless the confidentiality of the contribution is requested or the respondent asks not to make him known.

Stakeholders have a period of 8 weeks to submit their comments. Responses must be submitted by 15 May 2018 at the latest, using the online form on the Elia website.

Questions and / or remarks concerning the present documents can be sent to the following email address: Consultations@elia.be

2. Scope of Consultation

The scope of this consultation is the three BSP Contracts (Contract FCR, Contract R2 and Contract R3) including its constitutive elements listed below:

Contract FCR

- Part 1: General Conditions
- Part 2: Terms and Conditions for Frequency Containment Reserve by CIPU Technical Units or “T&C FCR CIPU”
- Part 3: Terms and Conditions for Frequency Containment Reserve by Non-CIPU Technical Units or “T&C FCR Non-CIPU”

Contract R2

- Part 1: General Conditions
- Part 2: Terms and Conditions for Secondary Control by CIPU Technical Units or “T&C R2 CIPU”

Contract R3

- Part 1: General Conditions
- Part 2: Terms and Conditions for Tertiary Control CIPU Technical Units or “T&C R3 CIPU”
- Part 3: Terms and Conditions for Tertiary Control by Non-CIPU Technical Units or “T&C R3 Non-CIPU”
- Part 4: Terms and Conditions for Tertiary Control Non-Reserved by CIPU Technical Units or “T&C R3 NR CIPU”
- Part 5: Terms and Conditions for Tertiary Control Non-Reserved by Non-CIPU Technical Units or “T&C R3 NR Non-CIPU”

3. Structure of BSP Contracts

3.1. Current structure of BSP Contracts

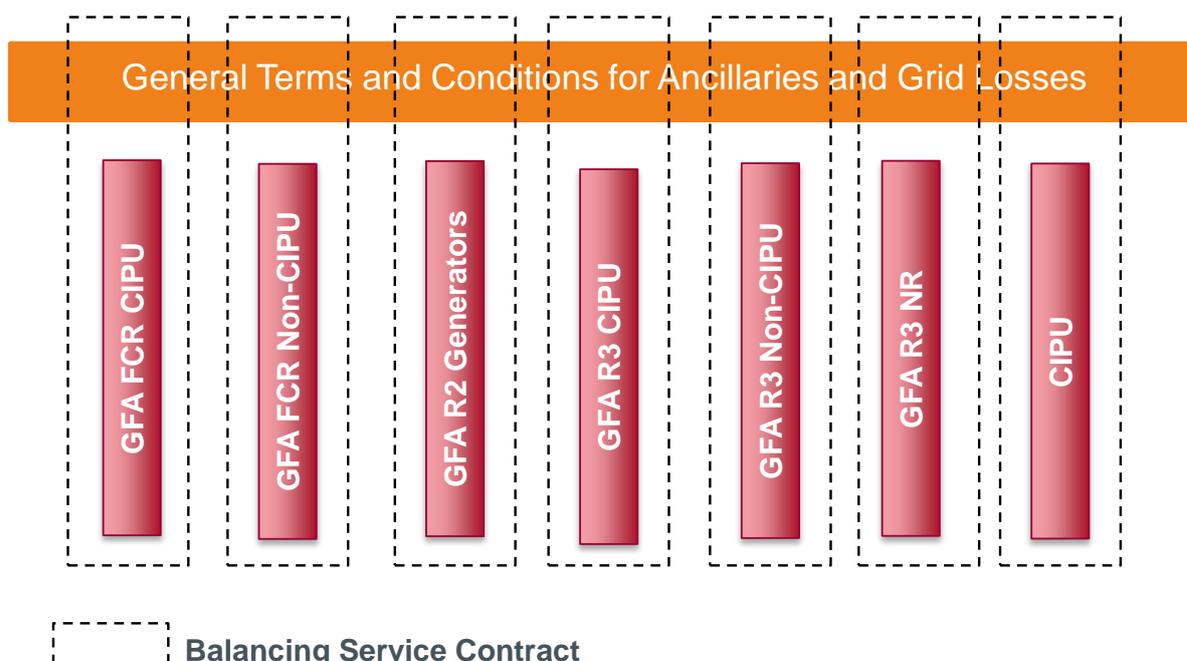
Current BSP Contracts or “Agreements” consist of two documents:

- the signed “General Framework Agreement” and;
- the “General Terms and Conditions for Ancillary Service and Grid Losses”.

In order to fulfill with the required balancing service needs, ELIA has at its disposal today the following set of General Framework Agreements:

- General Framework for Frequency Containment Reserve by CIPU Technical Units or “GFA FCR CIPU”
- General Framework for Frequency Containment Reserve by Non-CIPU Technical Units or “GFA FCR Non-CIPU”
- General Framework for Secondary Control by Generators or “GFA R2 Generators”
- General Framework for Tertiary Control CIPU Technical Units or “GFA R3 CIPU”
- General Framework for Tertiary Control by Non-CIPU Technical Units or “GFA R3 Non-CIPU”
- General Framework for Tertiary Control Non-Reserved or “GFA R3 NR”
- CIPU Contract (scope of contract larger than balancing services) or “CIPU”

The following figure provides an overview of current BSP Contracts:



3.2. Proposal of new structure of BSP Contracts

The structure proposed herein for the new BSP Contracts aims to:

1. Facilitate reading and transparency of new contracts to providers;
2. Comply with EBGL requisites and;
3. Provide flexibility for future consultations.

Considering that current General Framework Agreements or “GFAs” are fully compliant with requisites of Articles 18 §5 of EBGL (see chapter 4 for more details), ELIA proposes that existing GFAs become the new terms and conditions for balancing service providers (hereafter “T&Cs”) as referred in EBGL regulation.

Current GFAs including its Annexes are designed in a way that they provide in one document the precise required information to provide the balancing service(s) per type of provider (generation / demand response), this type of structure is precious to current and new providers willing to offer the service, thus we are proposing to keep a one-to-one correspondence between T&C and current GFAs.

These Terms and Conditions will be supplemented by General Conditions that are based on current general conditions of ancillaries services and grid losses.

General Conditions and Terms and Conditions are framed in a BSP Contract to be signed by a potential party interested on providing the balancing service, the BSP shall specify which balancing service is willing to deliver and the engagement to comply with the corresponding T&C.

Concretely a new BSP Contract shall be composed of the following set of documents:

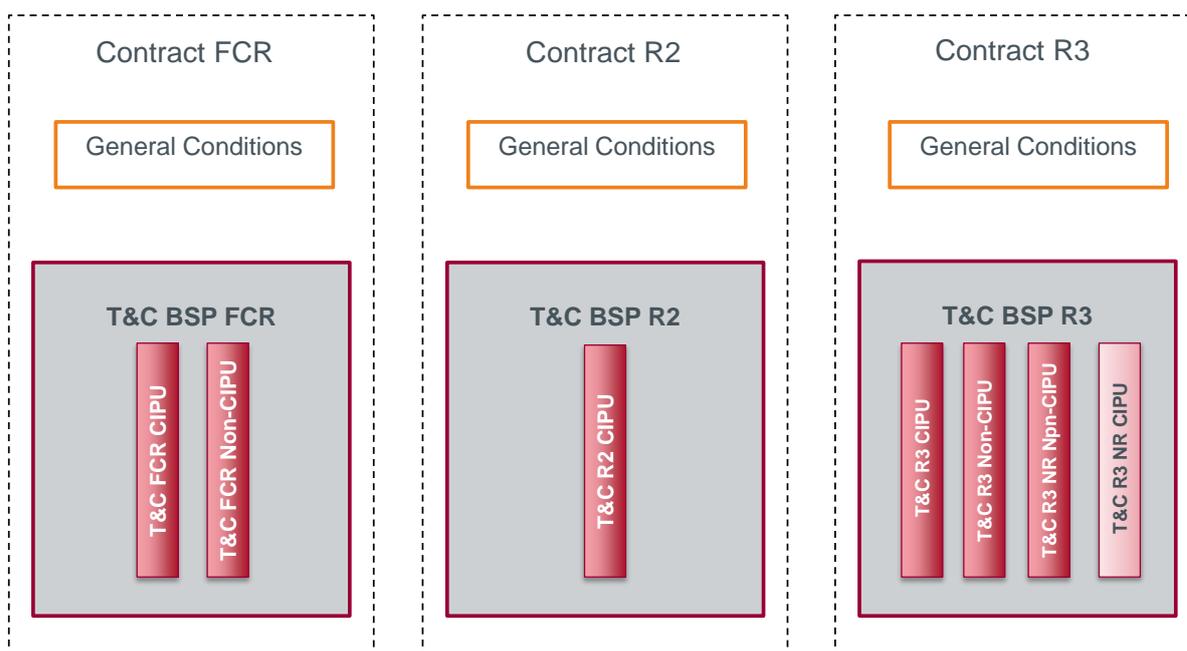
- The General Conditions, and
- The terms and conditions for balancing service providers

The former based on current general conditions of ancillaries services and grid losses, and the latter on current GFAs.

In order to comply with EBGL regulation some terminology references have been integrated in the new BSP Contract (see chapter 5 for more details) and some articles in the General Conditions had to be revised in order to adapt to the new reality of a regulated document.

Further to that, in order to ensure some flexibility for future product development in the new consultation process, BSP Contracts have been grouped in three categories: frequency containment reserve (FCR), secondary control (R2) and tertiary control (R3). This will facilitate the consultation process if in the future a change in one of the products is required, it will imply the launch of consultation of only the group of balancing service concerned and not all balancing services.

The following figure provides and overview of the proposal of the new three BSP Contracts:



Below a summary of the constitutive elements of the proposed BSP Contracts:

Contract FCR

- Part 1: General Conditions
- Part 2: Terms and Conditions for Frequency Containment Reserve by CIPU Technical Units or “T&C FCR CIPU”
- Part 3: Terms and Conditions for Frequency Containment Reserve by Non-CIPU Technical Units or “T&C FCR Non-CIPU”

Contract R2

- Part 1: General Conditions
- Part 2: Terms and Conditions for Secondary Control by CIPU Technical Units or “T&C R2 CIPU”

Contract R3

- Part 1: General Conditions
- Part 2: Terms and Conditions for Tertiary Control CIPU Technical Units or “T&C R3 CIPU”
- Part 3: Terms and Conditions for Tertiary Control by Non-CIPU Technical Units or “T&C R3 Non-CIPU”
- Part 4: Terms and Conditions for Tertiary Control Non-Reserved by CIPU Technical Units or “T&C R3 NR CIPU”
- Part 5: Terms and Conditions for Tertiary Control Non-Reserved by Non-CIPU Technical Units or “T&C R3 NR Non-CIPU”

The T&C R3 NR CIPU is a new document with references to the current CIPU Contract for the chapters exclusively linked to balancing services.

The distinction between CIPU and Non-CIPU providers has been extended to the R2 and R3 NR balancing services in order to clarify to providers the potential services.

4. Compliance of Proposal with Article 18 §5 of the European guideline of electricity balancing

4.1. Requirements of Article 18 §5

The article 18 §5 of European guideline on electricity balancing specify what the terms and conditions for balancing service providers shall contain:

“The terms and conditions for balancing service providers shall contain:

(a) the rules for the qualification process to become a balancing service provider pursuant to Article 16;

(b) the rules, requirements and timescales for the procurement and transfer of balancing capacity pursuant to Articles 32, 33 and 34;

(c) the rules and conditions for the aggregation of demand facilities, energy storage facilities and power generating facilities in a scheduling area to become a balancing service provider;

(d) the requirements on data and information to be delivered to the connecting TSO and, where relevant, to the reserve connecting DSO during the prequalification process and operation of the balancing market;

(e) the rules and conditions for the assignment of each balancing energy bid from a balancing service provider to one or more balance responsible parties pursuant to paragraph 4 (d);

(f) the requirements on data and information to be delivered to the connecting TSO and, where relevant, to the reserve connecting DSO to evaluate the provisions of balancing services pursuant to Article 154(1), Article 154(8), Article 158(1)(e), Article 158(4)(b), Article 161(1)(f) and Article 161(4)(b) of Regulation (EU) 2017/1485;

(g) the definition of a location for each standard product and each specific product taking into account paragraph 5 (c);

(h) the rules for the determination of the volume of balancing energy to be settled with the balancing service provider pursuant to Article 45;

(i) the rules for the settlement of balancing service providers defined pursuant to Chapters 2 and 5 of Title V;

(j) a maximum period for the finalisation of the settlement of balancing energy with a balancing service provider in accordance with Article 45, for any given imbalance settlement period;

(k) the consequences in case of non-compliance with the terms and conditions applicable to balancing service providers.”

4.2. Analysis of compliance to Article 18 §5

The proposed Terms and Conditions for Balancing Service Providers are fully compliant with article 18 §5 of EBGL.

The tables below illustrate the compliancy of all the T&Cs proposed with the requirements of article 18 §5 of EBGL by mapping the requirements of article 18 §5 with the different sections of the T&Cs.

Terms and Conditions FCR

Art. 18 (5) van de EBGL	T&C FCR Non-CIPU	T&C FCR CIPU
a. BSP qualification process	3. Conditions for participation in the Service	3. Conditions For Participation in The Service
b. Balancing capacity procurement and transfer	4. Procurement of the Service 5. Transfer of Obligations Between The BSP and A Counterpart BSP	4. Procurement of the Service 5. Transfer of Obligations Between The BSP and A Counterpart BSP
c. Rules and conditions for aggregation to become a BSP	3. Conditions For Participation in The Service	<i>Not applicable for CIPU units</i>
d. BSP data and information requirements for prequalification and operation	3. Conditions For Participation in The Service 7. Exchange Of Information, Record and Monitoring Of The Service	3. Conditions For Participation in The Service 7. Exchange Of Information, Record and Monitoring Of The Service
e. Rules on BSP-BRP relation	<i>Not applicable for FCR as not imbalance adjustment</i>	<i>Not applicable for FCR as not imbalance adjustment</i>
f. BSP data and information requirements for evaluating provisions	7. Exchange Of Information, Record and Monitoring Of The Service	7. Exchange Of Information, Record and Monitoring Of The Service
g. Location definitions	3. Conditions For Participation in The Service / 3.2 Delivery Points conditions	3. Conditions For Participation in The Service / 3.2 Delivery Points conditions
h. Rules for determining settlement volumes of balancing energy with BSP	<i>Not applicable for FCR as no settlement of balancing energy</i>	<i>Not applicable for FCR as no settlement of balancing energy</i>
i. Settlement rules for balancing capacity and balancing energy	8. Remuneration (applicable only for balancing capacity <i>as no settlement of balancing energy</i>)	8. Remuneration (applicable only for balancing capacity <i>as no settlement of balancing energy</i>)
j. Maximum period for the finalization of the settlement of balancing energy	<i>Not applicable for FCR as no settlement of balancing energy</i>	<i>Not applicable for FCR as no settlement of balancing energy</i>
k. T&C BSP Non-compliance consequences	9. Penalties for non-performance of the Contract	9. Penalties for non-performance of the Contracts

Terms and Conditions R2

Art. 18 (5) van de EBGL		T&C R2
l. BSP qualification process		4. Conditions for participation in the Service
m. Balancing capacity procurement and transfer		3.3.2 Procedure for participation in the Short Term procurement 3.4. Transfer of contractual Obligations between the BSP and a Counterpart BSP
n. Rules and conditions for aggregation to become a BSP		<i>Not applicable for CIPU units</i>
o. BSP data and information requirements for prequalification and operation		4. Conditions for participation in the Service 3.5 Day ahead nomination of Energy Bids 5. Exchange Of Information, Record and Monitoring Of The Service
p. Rules on BSP-BRP relation		3.7. Correction of the BRP's imbalance
q. BSP data and information requirements for evaluating provisions		5. Exchange Of Information, Record and Monitoring Of The Service
r. Location definitions		4. Conditions for participation in the Service
s. Rules for determining settlement volumes of balancing energy with BSP		6. Remuneration
t. Settlement rules for balancing capacity and balancing energy		6. Remuneration
u. Maximum period for the finalization of the settlement of balancing energy		8. Invoicing and payment
v. T&C BSP Non-compliance consequences		7. Penalties for non-performance of the Contract

Terms and Conditions R3

Art. 18 (5) van de EBGL	T&C R3 Non-CIPU	T&C R3 CIPU
w. BSP qualification process	3. Conditions For Participation in The Service	3. Conditions For Participation in The Service
x. Balancing capacity procurement and transfer	4. Procurement of the Service 5. Transfer of Obligations Between The BSP and A Counterpart BSP	4. Procurement of the Service 5. Transfer of Obligations Between The BSP and A Counterpart BSP
y. Rules and conditions for aggregation to become a BSP	3. Conditions For Participation in The Service	<i>Not applicable for CIPU units</i>

z. BSP data and information requirements for prequalification and operation	3. Conditions For Participation in The Service 7. Exchange Of Information, Record and Monitoring Of The Service	3. Conditions For Participation in The Service 7. Exchange Of Information, Record and Monitoring Of The Service
aa. Rules on BSP-BRP relation	<i>Not applicable yet, will be implemented together with the Transfer of Energy</i>	6. Provision of the Service Annex 3 Formula for correction of the BSPs imbalance
bb. BSP data and information requirements for evaluating provisions	7. Exchange Of Information, Record and Monitoring Of The Service	7. Exchange Of Information, Record and Monitoring Of The Service
cc. Location definitions	3. Conditions For Participation in The Service / 3.2 Conditions for all Delivery Points	3. Conditions For Participation in The Service / 3.2. CIPU Technical Units conditions
dd. Rules for determining settlement volumes of balancing energy with BSP	<i>Not applicable yet, will be implemented together with the Transfer of Energy</i>	8. Remuneration
ee. Settlement rules for balancing capacity and balancing energy	8. Remuneration	8. Remuneration
ff. Maximum period for the finalization of the settlement of balancing energy	<i>Not applicable yet, will be implemented together with the Transfer of Energy</i>	10. Invoicing and payment
gg. T&C BSP Non-compliance consequences	9. Penalties for non-performance of the Terms and Conditions	9. Penalties for non-performance of the Terms and Conditions

5. Terminology

New terms defined in article 2 of EBGL like balancing service provider or “BSP”, balancing service(s), capacity bid(s), energy bid(s), etc. have been integrated in the new contracts.

Further to that an alignment of all existing definitions in current GFAs in order to arrive to a common set of definitions applicable to all BSP Contracts.

Annex 1 presents this common new set of definitions for BSP Contracts together with old term name.

6. Annex 1 – Common set of definitions for BSP Contracts

NEW TERM	NEW DEFINITION	R1 CIPU	R1 Non-CIPU	R2 CIPU	R3 CIPU	R3 Non-CIPU	R3 NR CIPU	R3 NR Non-CIPU	GENERAL CONDITIONS	OLD TERM
Access Point(s)	An Injection Point and/or an Offtake Point to Transmission or Distribution Grid;	x	x			x	x	x		Access Point(s)
Available	Status of a CIPU Technical Unit stated in the Nomination Procedure, which means that the CIPU Technical Unit is capable of generating electricity at the considered Quarter-hour;						x			
Analysed Frequency Variation Report	A report drawn up by ELIA relating to the FCR Power Supplied in the case of a Frequency Variation;	x	x							Analysed Frequency Variation Report
Asymmetric Upward or Downward FCR Service Type	The automated and local response to Frequency Deviations in the Ranges of $F < 49,900\text{Hz}$ and $F > 50,100\text{Hz}$ resulting respectively in an upward or downward regulation. These Service Types are provided whenever there is a Frequency Deviation of respectively $F < 49,900\text{Hz}$ or $F > 50,100\text{Hz}$ and must be fully activated for any Frequency Deviation of respectively $F \leq 49,800\text{Hz}$ or $F \geq 50,200\text{Hz}$;	x	x							Asymmetric Upward or Downward FCR Service Type
Auction Rules	Rules that describe how Capacity Bids made by a BSP are treated;				x	x				Auction Rules

Availability Test(s)	Test(s) performed by ELIA aiming to confirm availability of the Service during Delivery Periods. Availability Tests can be Capacity Availability or Energy Availability Tests;	x	x							Availability Test(s)
Balance Responsible Party associated with a BSP (BRP _{FSP});	The Balance Responsible Party responsible for the allocation of the volume of energy requested by ELIA from the FSP of the Service for its duration, into his balancing perimeter;								x	Access Responsible Party associated with a Provider or "Provider ARP";
Balance Responsible Party or "BRP"	Any natural person or legal entity, as defined in article 2 (7) of the Electricity Balancing Guideline, and listed in the register of balancing responsible parties in accordance with the Federal Grid Code;					x	x	x	x	ARP ("Access Responsible Party")
Balancing Rules	A document, validated by the CREG, describing the market operation rules for the compensation of quarter-hourly imbalances, pursuant to Article 203 of the Federal Grid Code;	x	x	x	x	x	x	x		Balancing Rules
Balancing Services	As defined in article 2 (3) of the Electricity Balancing Guideline;	x	x	x	x	x	x	x	x	
Balancing Service Provider or "BSP"	Any natural person or legal entity, as defined in article 2 (6) of the Electricity Balancing Guideline, and with whom ELIA has concluded a Contract to provide Balancing Services;	x	x	x	x	x	x	x	x	Supplier
Base	A Period defined as all hours of the day and all days of the year and that is equivalent to the superposition of the Long Off Peak and Peak Periods;	x	x	x		x				Base
Baseline	Estimated values (in MW) representing the average power on a quarter-hourly basis of the power that would have been measured on the considered Delivery Point without an activation of Tertiary Control Power. This value is calculated by one of the methods described in Annex 14;					x				Baseline

Central Clearing System or CCS	A system managed by a Participating TSO using an algorithm to determine the optimal selection of Capacity Bids submitted in the Regional Procurement Platform through the different bidding platforms. At the moment of the signature of the Contract two such CCS's exist;	x	x							Central Clearing System or CCS
CIPU Contract	The contract for the coordination of injection of production units concluded with ELIA in respect of Article 198 of the Federal Grid Code;				x	x	x	x		CIPU Contract
CIPU Technical Unit	A production unit that is included in a CIPU contract;	x	x	x		x	x			CIPU Unit
Clean Spark Spread	A value in €/MWh calculated as the difference between the hourly market price of electricity per MWh and the sum for a considered production unit of the fuel cost per MWh of electricity generated for the same hour and the cost of the emissions rights corresponding to the generation of one MWh of electricity for the same hour;			x						Clean Spark Spread
Closed Distribution System Operator or "CDSO"	A natural or legal person appointed by the relevant authority as the operator of the Closed Distribution System;		x			x		x		Closed Distribution System Operator ("CDSO")
Closed Distribution System or "CDS"	The closed distribution system (or, according to the Electricity Act and the electricity decrees and/or ordinances, closed industrial system or closed professional system) is the grid directly connected to the ELIA Grid and recognised by the relevant authorities as a Closed Distribution System;		x			x		x		Closed Distribution System ("CDS")
Communication Test	A test in which ELIA certifies the BSP's ability to exchange information that are necessary to execute the contract;	x	x			x		x		Communication Test
Confirmed Transfer of Obligation	A quantity of Reserve Power to be made available by a Counterpart BSP to ELIA resulting from a transfer of obligations from the BSP to said Counterpart BSP, declared to ELIA and accepted by ELIA;	x	x	x	x	x				Confirmed Transfer of Obligation

Connection TSO	In case of award of FCR Power to a BSP through the Regional Procurement Platform, the TSO in whose Control Area lies the resource offering the Service;	x	x							Connection TSO
Contracted FCR Power or "FCR Contracted"	The quantity of the Service (in MW), being Symmetric FCR Power 100mHz, 200mHz and Asymmetric Up or Down FCR Power (in MW), contracted by ELIA with the BSP for a defined Delivery Period. The quantity of Contracted FCR Power is the result of the procurement of the Service on the Local Procurement Platform and the Regional Procurement Platform. Unless mentioned explicitly, the term "Contracted FCR Power" will concern all Service Types in the same manner;	x	x							Contracted FCR Power or FCR Contracted
Contracted Secondary Control Power or "Contracted R2"	The quantity of the Service (in MW) contracted by ELIA with the BSP for a defined Delivery Period;			x						Contracted Secondary Control Power
Contracted Tertiary Control Power or "Contracted R3"	The quantity of the Tertiary Control Power (in MW) contracted by ELIA with the BSP in relation to the present Terms & Conditions;				x	x				Contracted Tertiary Control Power
Control Area	The area in which a transmission grid operator controls the permanent balance between demand and offer of electricity, taking into account the exchanges of active power with the control areas of other transmission grid operators;	x	x				x			Control Area
Coordinable or "C"	Characteristic of a CIPU Technical Unit which is technically capable of modifying its power injection on the Elia Grid upon request by ELIA, within 15 minutes;						x			
Core Share	The part of FCR Power that TSO's must procure from resources connected to their own Control Area. At the moment of drawing of the Contract, the Core Share part is set by ELIA to 30 % of total FCR Power to be bought. It will become a specific constraint set by ENTSO-e once the network code Load Frequency Control & Reserves comes into force;	x	x							Core Share

Counterpart BSP	A party holding a valid Contract for the Service that is allowed to perform Transfers of Obligations;	x	x	x	x	x				Counterpart Supplier
CREG	The federal regulatory authority of gas and electricity markets in Belgium;	x	x	x	x	x	x	x		CREG
Day	Period of one day starting at 0:00 hrs morning until 24:00 hrs;					x	x			Day
Daily Access Program	The program of production of a CIPU Technical Unit (expressed in MW), given on a quarter-hourly basis, provided to ELIA in day-ahead;						x			
Decremental Request	R3 NR The decrease of active power injection, for a duration of a multiple of 15 minutes, on the ELIA Grid based on a request of ELIA.						x			
Delivery Period	The timeframe in which the corresponding reserve power has to be made available and delivered to ELIA;	x	x	x	x	x	x	x		Delivery Period
Delivery Point(s)	A point on an electricity grid or within the electrical facilities of a Grid User where a balancing or SDR service is delivered – this point is associated with a metering and/or measurement system that enables ELIA to control and assess the delivery of the Service;	x	x			x		x		Delivery Point
Distribution Grid	The electricity distribution system for which the Distribution System Operator has proprietary rights or at least user or operating rights and for which it is the designated Distribution System Operator as licensed by the Regional Regulator or the competent regional authorities;	x	x			x		x		Distribution Grid

Distribution System Operator Concerned or "DSO"	A natural personal or legal entity appointed by the designated regional regulator or regional authority, who is responsible for the exploitation, the maintenance and, if necessary, the development of the Distribution Grid in a certain zone and, where applicable, for its interconnectors with other systems and who is responsible of guaranteeing the long-term ability of the Distribution Grid to meet reasonable demands for electricity distribution;	x	x				x		x	Distribution System Operator Concerned ("DSO")
Dossier Volumes	A document, validated by the CREG, defining the required volumes of FCR, secondary and tertiary Control Power to be procured by ELIA, pursuant to Article 244, of the Federal Grid Code;	x	x	x	x	x				Dossier Volumes
Droop	The ratio (without dimension, expressed in %) of the steady state change in Frequency to the steady state change in power output. The smaller the droop, the more FCR Power will be supplied for the same frequency deviation;	x								Droop
Efficiency	A value in % that qualifies the capacity of a Production Unit to convert a MWh of fuel into a MWh of electricity. A Production Unit with a 50% Efficiency needs 2 MWh of fuel in order to generate 1 MWh of electricity;				x					Efficiency
Electrical Zone	The Control Area managed by ELIA is split up in 8 Electrical Zones: Langerbrugge 1, Langerbrugge 2, Ruien, Merksem, Stalen, Liège, Monceau and Schaarbeek. ELIA publishes on a daily basis for each of these zones with a color indicating the network constraints applicable. Green coloured zones indicate no network constraints. Red coloured zones indicate a network constraint;								x	Electrical Zone

Elia Control Area	The area in which ELIA controls the permanent balance between demand and offer of electricity, taking into account the exchanges of active power with the control areas of other transmission grid operators;	x	x	x	x	x	x	x		ELIA Control Area
Elia Grid	The electricity grid to which ELIA holds the property right or at least that of using and operating it, and for which ELIA has been designated as the transmission and local transmission system operator;					x	x	x		Elia Grid
Energy Bid(s)	A combination of volumes (in MW) and activation prices (in €/MW/h), nominated by the BSP to ELIA;			x	x	x		x		Energy Bid(s)
Energy Level	The remaining potential active energy that can be generated by the Production Unit. (only applicable for units with limited energy resources such as pump storage);				x					Energy Level
Energy Management Strategy	A strategy declared by the BSP for each Providing Group with which he proves his ability to deliver the Service;	x	x							Energy Management Strategy
Energy Remuneration	Remuneration for Tertiary Control Non-Reserved Power Requested. The remuneration will be calculated on a monthly basis taking into account all Delivery Periods within the Month;							x		Energy Remuneration
ENTSO-E	European Network of Transmission System Operators for Electricity;	x	x	x	x	x	x	x		ENTSO-E
FCR Downwards Power	The quantity (in MW) of FCR in the downward direction;						x			
FCR Upwards Power	The quantity (in MW) of FCR in the upward direction;						x			
FCR Missing MW	The difference (in MW) between the upward (respectively downward) FCR power requested in a Capacity Availability Test and upward (respectively downward) FCR Power delivered by the BSP;	x	x							Missing MW
FCR Power	A quantity of FCR expressed in MW;	x	x							FCR Power
FCR Power Nominated	The FCR Power nominated by the BSP as per procedure in the Terms and Conditions;	x	x							FCR Power Nominated

FCR Power Obligation	The quantity of the Service, being the sum of FCR Contracted (in MW) for different Service Types plus any Transfer of Obligations, that the BSP is expected to deliver at a certain time during a Delivery Period; this can be an obligation in the upwards and/or downwards direction;.	x	x								FCR Power Obligation
FCR Power Required or "P _{req} "	The quantity of FCR Power (in MW) to be supplied by the BSP following a Frequency Deviation in relation to the Terms and Conditions;	x	x								FCR Power Required or P _{req}
FCR Power Supplied or P _{sup} :	The quantity of FCR Power (in MW) supplied by the BSP for a selected Frequency Variation;	x	x								FCR Power Supplied or P _{sup} :
FCR Providing Group or "Providing Group"	A conglomeration of Delivery Points that lie within the Control Area of ELIA (not necessarily connected to the ELIA Grid via the same Access Point) having been prequalified together as being capable of supplying one or more FCR Service Types;	x	x								FCR Providing Group or "Providing Group"
FCR Range	The range of Frequency in which FCR Power, depending on the Service Type, is activated: <ul style="list-style-type: none"> · whenever the Frequency is equal to or greater than 50,000Hz and lower than 50,100Hz (FCR Range F≥50,000Hz) · whenever the Frequency is equal to or greater than 50,100Hz (FCR Range F≥50,100Hz) · whenever the Frequency is equal to or lower than 49,900Hz (FCR Range F≤ 49,900Hz); · whenever the Frequency is lower than 50,000Hz and greater than 49,900Hz (FCR Range F< 50,000Hz) 	x	x								FCR Range
FCR Service Type	One of the Symmetrical 100mHz, Symmetrical 200mHz or Asymmetrical Up or Asymmetrical Down Service Types;	x	x								Service Type

FCR _{max}	The maximum quantity of FCR Power that a BSP can offer in auctions for a certain Service Type. This value is determined by ELIA for each Service Type on the basis of the Prequalification Tests performed as per Annex 7 and is equal to the sum of FCR _{max_PG} values of each Providing Group. The FCR _{max} volume for each Service Type is represented as FCR _{max_up} , FCR _{max_down} , FCR _{max_100mHz} , FCR _{max_200mHz} ;	x	x									FCR _{max}
FCR _{max_PG}	The maximum quantity of FCR Power for which a certain Providing Group has been prequalified for a certain Service Type as a result of Prequalification Tests;	x	x									FCR _{max_PG}
FCR _{ref}	The individual contribution (in MW of FCR Power) of each Delivery Point part of a FCR Providing Group to the FCR _{max_PG} for a certain Service Type and/or a certain volume within the Symmetric 200mHz Service Type.. This value is declared by the BSP to ELIA;	x	x									FCR _{ref}
Federal Grid Code	The provisions of the Royal Decree of 19 December 2002, as amended from time to time, regarding the technical regulations for operating an electricity grid and access thereto;	x	x	x	x	x	x	x				Grid Code
Flex Tertiary Control Power or "R3 Flex"	A specific Tertiary Control Power Service Type;				x							Flex Tertiary Control Power or "R3flex"
Follow-Up of Real-Time Frequency Test (FRF Test)	A test which is part of the prequalification used to determine FCR _{max_PG} for a certain Providing Group and for a certain Service Type;	x	x									Follow-Up of Real-Time Frequency Test (FRF Test)
Forced Outage	An unforeseen and unpredictable (full or partial) outage of Technical Units making it impossible for the BSP to deliver (part of) the Service;	x	x	x	x	x	x					Forced Outage

Frequency Containment Reserve Service by CIPU Technical Units	The Frequency Containment Reserve service supplied by CIPU Technical Units and that is governed by the Contract for Frequency Containment Reserve Service, comprising at least the following: - the provision of the FCR Power Obligations; and - the activation of this FCR Power Required (Symmetric 200mHz, Symmetric 100mHz, Asymmetric Up or Asymmetric Down) in accordance with the provisions of the Contract;	x								Frequency Containment Reserve Service by CIPU resources or Service
Frequency Containment Reserve or "FCR"	The automated and local increase/decrease of active power in reaction to a frequency deviation from the frequency of 50,00Hz. All Service Types of Frequency Containment Reserve together lead to linear reaction for Frequency Deviations between -200mHz and +200mHz, as described by ENTSO-E;	x					x			Frequency Containment Reserve Service
Frequency Containment Reserve Service by Non-CIPU Technical Units or "Service"	The Frequency Containment Reserve service supplied by Non-CIPU Technical Units and that is governed by the Contract for Frequency Containment Reserve Service, comprising at least the following: - the provision of the FCR Power Obligations; and - the activation of this FCR Power Required (Symmetric 200mHz, Symmetric 100mHz, Asymmetric Up or Asymmetric Down) in accordance with the provisions of the Contract;		x							Frequency Containment Reserve Service by non-CIPU resources or Service
Frequency Deviation	A deviation (positive or negative) in the Frequency, compared to 50,000Hz;	x	x							Frequency Deviation
Frequency or "F"	The frequency of the Transmission Grid in Hz;	x	x							Frequency or "F"
Frequency Variation	A change of frequency selected by ELIA for the activation control checks as calculated in Annex 10;	x	x							Frequency Variation
Gate Closure Time	The latest moment at which an Energy Bid can be submitted for a given Delivery Period as described in Annex 10;							x		Gate Closure Time

Grid Codes	The Grid Code for Transmission and the Grid Codes for Local and Regional Transmission;								x	Grid Codes
Grid User	The natural person or legal entity connected to the Elia Grid, CDS or Distribution Grid as producer or consumer;	x	x			x		x		Grid User
Grid User Declaration	Official declaration of the Grid User, as provided by template foreseen in the Contract, authorizing the BSP to offer the Service using his Delivery Point;		x			x		x		Grid User Declaration
Headmetering	Measurement of electrical energy associated with the Access Point as determined by ELIA, or the DSO (for the Distribution Grid), by means of one or more meters installed by ELIA for the ELIA Grid and the DSO for the Distribution Grid (hereinafter referred to as "Headmeter(s)");					x		x		Headmetering
Incremental Request	R3 NR The increase of active power injection, for a duration of a multiple of 15 minutes, on the ELIA Grid based on a request of ELIA.							x		
Indirect Damage	any incidental, consequential damage, loss or injury such as, but not limited to loss of revenue, loss of profit, loss of data, loss of business opportunities, loss of (prospective) clients, missed savings, etc;								x	Indirect Damage
Injection	The net injection of active power as measured at the Delivery Point. The term injection is used to designate a certain sense of energy flow and does not exclusively refer to the technical means with which Service is provided;					x				Injection
Intraday Procedure	Nomination The procedure of the CIPU Contract for updating the Daily Access Program in intraday;							x		

Joint Arrangement on activation of Tertiary Control Non-Reserved Power or "Joint Arrangement"	Arrangement, according to which the BSP, the BSP BRP, the BRP(s) and Supplier(s) of a Delivery Point jointly agree to settle amongst them all consequences linked to an activation of Tertiary Control Non-Reserved Power. A proof of this joint arrangement is to be provided via corresponding template in the Contract;									x	Joint Arrangement on activation of Tertiary Control Non-Reserved Power or "Joint Arrangement"	
Law of 2 August 2002	the Law of 2 August 2002 against payment arrears in commercial transactions (B.S. 7 August 2002, p. 34281) as amended from time to time;										x	Law of 2 August 2002
Limited Coordinable or "LC"	Characteristic of a CIPU Technical Unit which is technically capable of modifying its power injection on the Elia Grid upon request by ELIA, within 15 minutes or more depending on technical and/or organizational constraints;									x		
Local Procurement Platform or Local Platform	Web-based procurement platform on which ELIA will organize, prior to each Delivery Period, its auction to procure a volume of FCR Power as defined in the Dossier Volume;	x	x	x								Local Procurement Platform or Local Platform
Long Off Peak or LOP	A Period defined as follows : the hours between 08:00 hrs and 20:00 hrs for all 7 the days of the week and the hours between 08:00 hrs and 20:00 hrs on Saturday and Sunday;	x	x	x	x	x						Long Off Peak or LOP
Maximum Exchangeable Volume	The maximum FCR Power that can be imported (or exported) from (to) all other TSO Control Areas according to the rules of ENTSO-E;	x	x									Maximum Exchangeable Volume
Month	Period starting at 0hrs the 1 st of the month until 24hrs the last day of the month;	x	x	x	x	x	x	x				Month
Monthly Remuneration	The remuneration for the reservation of the Service, as specified in the Contract, calculated on a monthly basis irrespective of the Delivery Period of the products;	x	x	x	x	x						Monthly Fixed Remuneration
Nominated Electricity Market Operator (NEMO)	Entity designated by the competent authority to perform tasks related to single day-ahead or single intraday coupling;				x							Nominated Electricity Market Operator (NEMO)

Nomination Procedure	The procedure of the CIPU Contract that specifies, among others, the Daily Access Program of the CIPU Technical Units in day-ahead for day D;							x		
Non-CIPU Technical Unit	A Technical Unit that is not undertaken in a valid CIPU contract being technically capable of making available and supplying the concerned Service through a Delivery Point;		x					x		x
Offtake	Value indicating the net offtake of active power at a Delivery Point. The term offtake is used to designate a certain sense of energy flow and does not exclusively refer to the technical means with which Service is provided;		x					x		x
Open Qualification Procedure	A pre-qualification procedure in which prospective BSPs are screened based on criteria set by ELIA in a publication on ted.europe.eu.;	x	x	x	x	x			x	
Participating TSO	Any TSO having signed an agreement for participation in the Regional Procurement Platform;	x	x							
Peak or "P"	A Period defined as follows: the hours between 08:00 hrs and 20:00 hrs during weekdays (from Monday till Friday, including holidays)	x	x	x	x	x				
Period	A tariff period : Peak (P), Long Off-Peak (LOP) hours or Base (BASE) hours;	x	x	x	x	x				
Pmax Available	The maximum instantaneous value of the power of the CIPU Technical Unit, expressed in MW, that the CIPU Technical Unit can inject into the ELIA Grid for a certain Quarter-hour, taking into account all technical, operational, meteorological or other restrictions known at the time of notification to ELIA of the Pmax Available value, without taking into account any participation of the CIPU Technical Units in the delivery of Balancing Services;									

Pmin Available	The minimum instantaneous value of the power of the CIPU Technical Unit, expressed in MW, that the CIPU Technical Unit can inject into the ELIA Grid for a certain Quarter-hour, taking into account all technical, operational and meteorological or other restrictions known at the time of notification to ELIA of the Pmin Available value, without taking into account any participation of the CIPU Technical Unit in the delivery of Balancing Services;									
Pool	A group of Delivery Points;					x				Pool
Power measured or "Pmeasured"	The active power measured at a physical location connected to the Elia Grid or the Distribution Grid at a certain voltage level (sum of offtake and injection). Net consumption from the Elia Grid is considered as a positive value, net injection into the Elia Grid is considered as a negative value;						x		x	Power measured (or "Pmeasured")
Prequalification Procedure	The procedure to be completed in order for a Delivery Point and/or Providing Group to be pre-qualified by ELIA;	x	x	x						Prequalification Procedure
Prequalification Test(s)	Any one or both of the Synthetic Profile Test and Follow-Up of Real-Time Frequency Tests;	x	x							Prequalification Test(s)
Prequalified Power or "PQP"	Quantity of power (expressed in MW) per Delivery Point connected to the Distribution Grid that is prequalified by the DSO concerned;						x		x	Prequalified Power (or "PQP")
Procedure For Delivery Point Acceptance	Procedure for which the Delivery Point must fulfil all conditions in order to participate in the Service;	x	x				x			Procedure For Delivery Point Acceptance
Procedure For BSP Acceptance	Procedure for which the BSP must fulfil all conditions in order to participate in the Service;								x	Procedure For Provider Acceptance
Quarter-hour	Period of 15 minutes. The first quarter-hour of each hour begins at the beginning of the hour;							x	x	Quarter-hour

R2 Missing MW upwards or "R2up_missing" and/or R2 Missing MW downwards or "R2down_missing"	The difference (in MW) between Secondary Control Power Obligation and Secondary Control Power Made Available by the BSP;				x						Missing MW upwards or "R2up_missing" and/or Missing MW downwards or "R2down_missing"
R3 Missing MW	The difference (in MW) between Tertiary Control Power Obligation and Tertiary Control Power Made Available by the BSP;					x	x				Missing MW or "R3_missing"
R3 Service Type	One of the Tertiary Control Services, being either Standard Tertiary Control or Flex Tertiary Control;					x	x				Service Type
R3max	The maximum between R3max,std and R3max,flex;						x				R3max
R3max,flex	The maximal volume of Flex Tertiary Control Power that can be offered by the BSP;						x				R3max,flex
R3max,std	The maximal volume of Standard Tertiary Control that can be offered by the BSP;						x				R3max,std
R3NRref	The maximal upwards or downwards Tertiary Control Non-Reserved Power that a BSP can activate at a Delivery Point. This value is confirmed jointly with the Grid User in the Grid User Declaration referred to in the Contract. For DSO Delivery Points, R3NRref is considered equal to the PQP whether it be in the upwards or downwards direction;									x	Reference Power (R3NRref)
R3ref	The reference Tertiary Control Power supplied by a Delivery Point, as defined in the Contract for Delivery Points connected to Elia grid and in the BSP-DSO contract for Delivery Points connected to DSO grid ;						x				R3ref
Regelleistung	The bidding platform www.regelleistung.net through which ELIA participates in the Regional Procurement Platform together with other Participating TSO's;	x	x								Regelleistung
Regional Procurement Platform or Regional Platform	Procurement platform from which Participating TSO's can procure necessary FCR volumes from BSPs coming from the Control Areas of Participating TSO's. ELIA participates in this platform through Regelleistung;	x	x								Regional Procurement Platform or Regional Platform

Submetering	Measurement of the electrical energy consumed or injected by a Technical Unit by means of one or more meters (hereinafter referred to as "Submeter(s)") situated downstream of the Headmeter(s);						x				Submetering
Symmetric 200mHz and 100mHz Service Types	The automated and local response to Frequency Deviations in the range between F=49,800Hz and F=50,200Hz and between F=49,900Hz and F=50,100Hz (respectively for 200mHz and 100mHz Service Types) resulting respectively in an upward or downward regulation. This service is provided whenever there is a Frequency Deviation within these Ranges and must be fully activated in the range of $F \leq 49,800\text{Hz}$ or $F \geq 50,200\text{Hz}$ and $F \leq 49,900\text{Hz}$ or $F \geq 50,100\text{Hz}$ (respectively for 200mHz and 100mHz Service Types);	x	x								Symmetric 200mHz and 100mHz Service Types
Synthetic Frequency Profile Test	One of the two Prequalification Tests to determine $FCR_{\text{max_PG}}$;	x	x								Synthetic Frequency Profile Test
Technical Unit	A facility (part of CIPU Contract or not) connected within the Control Area of ELIA, able to provide balancing services to ELIA;	x	x		x	x	x	x			Technical Unit
Terms and Conditions	The Terms and Conditions for the provision of the corresponding service in compliance with article 18 of the European guideline on electricity balancing ;	x	x	x	x	x	x	x	x		
Tertiary Control Non-Reserved Power or "R3 NR"	A quantity of the Tertiary Control Non Reserved Power Service expressed in MW;						x	x			Tertiary Control Non-Reserved Power (or "R3 NR ")
Tertiary Control Non-Reserved Power Requested or "R3NR _{Req} "	The quantity of the Service to be supplied by the BSP in relation to the corresponding Contract for a certain quarter-hour, expressed in an average power [MW] during a quarter hour;						x	x			Tertiary Control Non-Reserved Power Requested (or "R3NR _{Req} ")

Tertiary Control Non-Reserved Power Supplied or "R3 NR Sup"	The quantity of the Tertiary Control Non-Reserved Power physically supplied by the BSP, expressed in an average power [MW] during a quarter hour;							x	x		Tertiary Control Non-Reserved Power Supplied (or "R3 NR Sup")
Tertiary Control Non-Reserved Service by CIPU Technical Units	The Tertiary Control Non-Reserved service supplied by CIPU Technical Units and that is governed by the Contract for Tertiary Control Service, comprising at least the following: - the submission of Bid Prices; and - the activation of Incremental or Decremental R3 NR Requests in accordance with the provisions of the Contract;							x			
Tertiary Control Non-Reserved Service by Non-CIPU Technical Units	The Tertiary Control Non-Reserved service supplied by Non-CIPU Technical Units and that is governed by the Contract for Tertiary Control Service, comprising at least the following: - the submission of Energy Bids; and - the complete or partial activation of these Energy Bids in accordance with the provisions of the Contract;								x		Tertiary Control Non-Reserved Power Service (or "Service")
Tertiary Control or "R3"	The increase of active power, for a duration of a multiple of 15 minutes, on the ELIA Grid based on a request of ELIA. Also indicated in the Guideline on electricity balancing by the term "Manual Frequency Restoration Reserve" or "mFRR";				x	x	x	x			Tertiary Control Power or "R3"
Tertiary Control Power Made Available "R3_mad"	The quantity of Tertiary Control Power of the Service (in MW) actually made available to ELIA by the BSP;					x					Tertiary Control Power Made Available "R3_mad"
Tertiary Control Power Made Available "R3_mad"	The quantity of Tertiary Control Power (in MW) actually made available to ELIA by the BSP;				x		x				Tertiary Control Power Made Available "R3_mad"
Tertiary Control Power Obligation "R3_obligation"	The sum of Contracted Tertiary Control Power to be made available and activated in case of an activation by ELIA;					x					Tertiary Control Power Obligation "R3_obligation"

Tertiary Control Power Obligation "R3_obligation"	The sum of Contracted Tertiary Control Power and Confirmed Transfers of Obligation of the Service;					x						Tertiary Control Power Obligation "R3_obligation"
Tertiary Control Power or "R3"	A quantity of Tertiary Control expressed in MW;											Tertiary Control Power or "R3"
Tertiary Control Power Required or "R3 Req"	The Tertiary Control Power to be supplied by the BSP to ELIA, expressed in an average power [MW] during a quarter hour;					x	x					Tertiary Control Power Required or "DP"
Tertiary Control Power Supplied or "R3 Sup"	The quantity of Tertiary Control Power of the Service physically supplied by the BSP to ELIA, expressed in an average power [MW] during a quarter hour;						x					Tertiary Control Power Supplied or "R3 Sup"
Tertiary Control Service by CIPU Technical Units	The Tertiary Control Service by CIPU Technical Units service supplied by CIPU Technical Units and that is governed by the Contract for Tertiary Control Service, comprising at least the following: - the provision of the Tertiary Control Power Obligations; and - the activation of this Tertiary Control Power in accordance with the provisions of the Contract;										x	Tertiary Control Service or "Service"
Tertiary Control Service by Non-CIPU Technical Units	The Tertiary Control service supplied by Non-CIPU Technical Units and that is governed by the Contract for Tertiary Control Service, comprising at least the following: - the provision of the Tertiary Control Power Obligations; and - the activation of this Tertiary Control Power in accordance with the provisions of the Contract;										x	Tertiary Control Service by Non-CIPU Technical Units or Service
Transfer of Obligations	Part or all of the quantity of contracted reserve power that the BSP transfers to a Counterpart BSP;	x	x	x	x	x						Transfer of Obligations
Transmission Grid	The electricity transport system for which ELIA has proprietary rights or at least user or operating rights and for which ELIA is the designated and certified transmission grid operator;	x	x	x	x					x		Transmission Grid

Unshedable Margin	Value representing either the minimum amount of power (expressed in [MW]) which cannot be curtailed (inflexible or unshedable power in case of a load shedding action) at the Delivery Point, or the maximal amount of power above which a BSP cannot inject. The value for ELIA grid connected Delivery Points is mutually agreed upon between ELIA and the BSP in the Contract. The value for DSO grid connected Delivery Points is agreed between the concerned DSO and the BSP in the BSP-DSO contract;								x			Unsheddable Margin
Virtual Delivery Point	A Delivery Point type that is an aggregation of resources which as a Providing Group can only be prequalified for a FCR_{max_PG} inferior to 1,5MW for all Service Types;		x									Virtual Delivery Point
Week	Period starting at 0:00 hrs Monday morning until 24:00 hrs the next Sunday;	x	x	x	x	x	x	x				Week
Working Day	any calendar day except for Saturday, Sunday and Belgian public holidays;										x	Working Day