



# ACCESS CODE FOR TRANSMISSION



Attachment B: Subscription &  
Allocation of Services

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# 1 Definitions

Unless the context requires otherwise, the definitions set out in the Attachment 3 of the STA apply to this Attachment B. Capitalized words and expressions used in this Attachment B which are not defined in the Attachment 3 of the STA shall have the following meaning:

**“AMR” or “Automatic Meter Reading”** shall mean the Customer Segment consisting of telemetered Final Customers connected to the distribution grid.

**“BUJMV<sub>cs,g,m,ARS</sub>” or “Bottom-Up January Metering Value”** is calculated by adding the Bottom-Up January Metering Values for Customers Segment *cs*, for Network User *g*, for month *m*, and per ARS. The Bottom-Up January Metering Value is provided by the DSO, as provided in the Standard Connection Agreement Fluxys Belgium/DSOs.

**“CAM NC” or “Network code on capacity allocation mechanisms in gas transmission systems”** refers to Commission Regulation (EU) 2017/459 of 16 March 2017, repealing Regulation (EU) No 984/2013.

**“Customer Segment” or “cs”** shall mean the segment of the Final Customer at the Distribution Network, being for the time being S30, S31, S32, S41, AMR, EAV, SMR3, RMV and EMV.

**“DC<sub>d,y</sub>” or “Distribution Capacity”** shall mean estimated daily offtake at the Distribution Domestic Points in case of a daily equivalent temperature of -11°C for a considered Gas Year *y*, expressed in kWh/day.

**“DC<sub>d,y,cs</sub>” or “Distribution Capacity”** shall mean estimated daily offtake for a specific Customer Segment *cs* of the Distribution Domestic Points in case of a daily equivalent temperature of -11°C for a considered Gas Year *y*, expressed in kWh/day.

**“DC<sub>h,y</sub>” or “Distribution Capacity”** shall mean estimated peak hourly offtake at the Distribution Domestic Points in case of a daily equivalent temperature of -11°C for a considered Gas Year *y*, expressed in kWh/h.

**“DC<sub>h,y,cs</sub>” or “Distribution Capacity”** shall mean estimated peak hourly offtake for a specific Customer Segment *cs* at the Distribution Domestic Points in case of a daily equivalent temperature of -11°C for a considered Gas Year *y*, expressed in kWh/h.

**“DC<sub>m,cs,g,ARS</sub>” or “Distribution Capacity”** shall mean capacity for Month *m*, for Customer Segment *cs* for Network User *g* at Distribution Domestic Point ARS, expressed in kWh/h.

**“DC<sub>m,cs,g</sub>” or “Distribution Capacity”** shall mean capacity for Month *m*, for Customer Segment *cs* for Network User *g*, expressed in kWh/h.

**“DC<sub>m,cs,g,f</sub>” or “Distribution Capacity”** shall mean the forecasted capacity for Month *m*, for Customer Segment *cs* for Network User *g*, expressed in kWh/h.

**“EAV” or “Estimated Annual Volume”** shall mean the Customer Segment with manual (non-smart metered) registration of approximate yearly volumes.

**“EMV” or “Estimated Monthly Volume”** shall mean the Customer Segment with manual (non-smart metered) registration of approximate monthly volumes.

**“Energy Allocation”**: shall mean the allocation of the Energy for Entry or Exit Services for Network Users on a Connection Point

**“Gas Allocation Rule”** shall mean the formula that allocates the measured quantity of Natural Gas to the Network User(s) active on the considered Domestic Point.

**“GF<sub>y</sub>” or “Growth Factor”** shall mean the estimated yearly growth in offtakes of Natural Gas at the Distribution Network.

**“GRF<sub>ARS,h</sub>” or “GOS Residu Factor”**– hourly value per ARS; factor calculated by the DGO that has to be applied to the allocations resulting from the SLP process in order to allocate fully the energy measurement at the relevant Distribution Domestic Point.

**“IEF<sub>AMR,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Customer Segment AMR, calculated for Gas Year y according to section 3.7.1.2.3.1.

**“IEF<sub>EAV,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Customer Segment EAV, calculated for Gas Year y according to section 3.7.1.2.3.2.

**“IEF<sub>MRC,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Monthly Registered Customers MRC, calculated for Gas Year y according to section 3.7.1.2.3.3.

**“IEF<sub>S30,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Customer Segment S30, calculated Gas Year y according to section 3.7.1.1.4.1

**“IEF<sub>S31,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Customer Segment S31, calculated for Gas Year y according to section 3.7.1.1.4.3

**“IEF<sub>S32,m</sub>” or “Indicative Estimation Factor”** shall mean the monthly indicative estimation factor for Customer Segment S32, calculated for Gas Year y according to section 3.7.1.1.4.2.

**“IEF<sub>S41,y</sub>” or “Indicative Estimation Factor”** shall mean the yearly indicative estimation factor for Customer Segment S41, calculated for Gas Year y according to section 3.7.1.1.4.3.

**“KCF<sub>cs,h</sub>” or “Climate Correction Factor”** hourly value valid per Customer Segment; factor that has to be applied to the allocations resulting from the SLP process in order to take the real temperature into account.

**“MRC” or “Monthly Registered Customers”** consists of the SMR3, RMV and EMV Customer Segments. These Customer Segments are grouped for the allocation of Transmission Services.

**“PMV<sub>m,fc,AMR</sub>” or “Peak Metering Value”** shall mean the maximum hourly value for the last 12 months before and including Month *m* for Final Customer *fc* of Customer Segment AMR.

**“PMV<sub>m,fc,S30</sub>” or “Peak Metering Value”** shall mean hourly value for Month *m* for Final Customer *fc* of Customer Segment S30.

**“PRISMA”** is a joint capacity booking platform developed in the framework of the cooperation with other European TSO’s.

**“PRISMA GTC’s”** shall mean the General Terms and Conditions of PRISMA, available on the PRISMA website [www.prisma-capacity.eu](http://www.prisma-capacity.eu)

**“PMRC”** or **“Pseudo Monthly Registered Customers”** consists of the monthly registered customers in the S31, S32 and S42 Customer Segments. These Customer Segments are grouped for the allocation of Transmission Services under the transitory measure.

**“ $Q_{fc,cs}$ ”** or **“Yearly Standard Energy Offtake”** shall mean the standard energy offtake of a given Final Customer  $fc$  belonging to a given Customer Segment  $cs$ .

**“RMV”** or **“Real Monthly Volume”** shall mean the Customer Segment with registration of precise monthly volumes (from 01/m/y 06h00 till 01/m+1/y 06h00) via smart meter through communication of data every month.

**“Service Allocation Rule”** shall mean the rules for processing of Service Requests by the TSO.

**“Service Confirmation”** shall mean the confirmation of the availability and the pricing of the requested Transmission Service by the TSO towards the Network User.

**“Service Request”** or **“Transmission Service Request”** shall mean a request for subscription of Transmission Services, submitted by a Network User towards the TSO.

**“ $SY_{fc,cs}$ ”** or **“Standard Yearly Consumption”** shall mean the standard energy offtake of a given Final Customer belonging to a given Customer Segment.

**“ $SLP_{cs,h}$ ”** or **“Standard Load Profile”** - hourly value per Customer Segment; as calculated by the SLP algorithm from the calendar parameters, as published yearly by Synergrid.

**“SMR3”** or **“Smart Meter Regime 3”** shall mean the Customer Segment with registration of hourly volumes via smart meter through communication of data every month.

**“Specific Conditions of a Subscription Window”** shall mean the specific terms and conditions that apply to a particular Subscription Window.

**“Subscribed Transmission Service”** shall mean a Transmission Service that is subscribed by a Network User.

**“Subscription Window”** shall mean window for asking services in accordance with the provisions of this Annex B and the “terms and conditions” of such a specific window.

**“ $XEA'_{h,cs,g}$ ”** or **“** shall mean hourly value for a Customer Segment  $cs$  for all Final Customers of Network User  $g$ ; expressed in kWh.

**“ $XEA'_{h,cs,g,ARS}$ ”** or shall mean hourly value for a Customer Segment  $cs$  for a Distribution Domestic Point ARS for all Final Customers of Network User  $g$ ; expressed in kWh.

**“ $XEM'_{h,fc,AMR}$ ”** - hourly value, per Final Customer  $fc$  and per AMR; expressed in kWh; offtake per hour measured by telemetered installations.

**“ $XEM'_{h,fc,S30}$ ”** - hourly value, per Final Customer  $fc$  and per S30; expressed in kWh; offtake per hour measured by telemetered installations.

**“ $XEM'_{h,pr,AMR}$ ”** - hourly value, per Local Producer  $pr$  and per AMR; expressed in kWh; injection per hour measured by telemetered installations.

**“ $XEM'_{h,pr,S30}$ ”** - hourly value, per Local Producer  $pr$  and per S30; expressed in kWh; injection per hour measured by telemetered installations

## 2 General

### 2.1 Registration as a Network User

By entering in a Standard Transmission Agreement with the TSO, a party becomes a Network User and can subscribe to Transmission Services by the TSO and participate to the Secondary Market.

A party (hereinafter called “the applicant”) that wants to enter in a Standard Transmission Agreement with the TSO provides the TSO with the following information:

- The detailed identity of the applicant;
- In case the application is filed by a trustee, a proof of the mandate.

In case the information provided by the applicant is incomplete, the TSO informs the applicant within five Business Days after receipt of the incomplete application. The applicant is invited to complete the application.

In case the application is complete, the TSO sends the Standard Transmission Agreement for signature to the applicant within five Business Days after receipt of such application.

The applicant returns the signed Standard Transmission Agreement to the TSO within ten Business Days. As of receipt of the signed Standard Transmission Agreement, the applicant is considered as a Network User.

If within ten Business Days no signed Standard Transmission Agreement was returned to the TSO, the application is cancelled.

### 2.2 Registration for PRISMA and the Electronic Booking System

Any Network User who wants to send Service Requests through PRISMA or through the Electronic Booking System (hereafter EBS), is responsible for complying with the access requirements (e.g. install the required software), as set out in the PRISMA GTC's and in the Electronic Data Platform (ACT – Attachment G).

In order to be able to subscribe Services on PRISMA, the Network User shall:

- accept the PRISMA GTC's with the operator of PRISMA. These are available on PRISMA website [www.prisma-capacity.eu](http://www.prisma-capacity.eu) and are attached to this Attachment;
- have a valid Standard Transmission Agreement in force with the TSO.

In order to be able to subscribe Services on EBS, the Network User shall:

- have a valid Standard Transmission Agreement in force with the TSO.
- appoint at least a Single Point of Contact (SPOC) as described in Attachment G – EDP.

## 3 Primary Market

### 3.1 Subscription of Services

All Transmission Services offered on PRISMA can only be requested by Network User via PRISMA.

All other available Transmission Services can be subscribed by Network User directly via the TSO by the mean of a Service Request either via the Electronic Booking System (see Attachment G) or in written (letter, fax, or e-mail), using a Service Request Form as published on the Fluxys Belgium website.

Transmission Services are offered as follow:

Sales channel <sup>1</sup>	Allocation method	SERVICES	Duration <sup>2</sup>	
PRISMA	Auction	Blaregnies L	Y, Q, M, DA, WD	
		Eynatten 1 <sup>3</sup>		
		Eynatten 2 <sup>4</sup>		
		Hilvarenbeek L		
		IZT		
		Virtualys		
		VIP-BENE		
		<u>VIP THE-ZTP<sup>5</sup></u>		
	FCFS	Zeebrugge <sup>6</sup>	Any duration	
		<u>Zelzate 2</u>		
		ZPT		
		Zeebrugge LNG Terminal		
		Dunkirk LNG Terminal <sup>7</sup>		
		Capacity Conversion Service (unbundled to bundled)		Y, Q, M, DA
		Conversion into Short haul Services (OCUC and Wheeling)		Y, Q, M, DA, WD24h <sup>8</sup>
Quality Conversion Service L→H	Min 1 GD			
Exit Service for End Users Domestic point	Min 1 GD			
Entry Service for End Users Domestic point	Y			
Implicit	Zeebrugge	B-o-D		
	Entry and Exit Services on Loenhout	Any duration		
	Exit Service for Distribution Domestic point	Any duration		
	Entry Service for Distribution Domestic point	Y		

<sup>1</sup> Written procedure can be activated by Fluxys Belgium as fall-back mechanism, should PRISMA or EBS platforms be unavailable. Entry and Exit Services on IPs, VIPs and LNG Terminals, Quality Conversion Services and on Domestic Points can also be implicitly allocated by Fluxys Belgium to network users in case overnomination is being activated for such Connection Point. Overnomination will be activated when all Firm Transmission Services are sold after the Firm Day-Ahead auction or Firm Within-Day auctions, or as a fall-back mechanism when PRISMA platform should be unavailable.

<sup>2</sup> (Y)= Yearly, (Q)= Quarterly, (M)= Monthly, (DA)= Day-Ahead, (WD)= Within-Day, (WD24h)= Within- Day product containing maximum number of Hours in a Gas Day being 23/24/25 Hours, (B-o-Y)= Balance of Gas Year, (GD)= Gas Day, (B-o-D)= Balance of Gas Day.

<sup>3</sup> As from 01/10/2021 it will be included in the VIP THE-ZTP (subject to a pre notice of 4 weeks)

<sup>4</sup> As from 01/10/2021 it will be included in the VIP THE-ZTP (subject to a pre notice of 4 weeks)

<sup>5</sup> As from 01/10/2021 (subject to a pre notice of 4 weeks)

<sup>6</sup> Implicit allocation of Transmission Services at Zeebrugge also possible in the framework of the Imbalance Transfer Service.

<sup>7</sup> With the subscription of Dunkirk LNG Terminal entry capacity the associated Cross Border Delivery Service will be implicitly allocated meaning that they are matched in quantity, time and Capacity Type as described in ACT – Attachment A. No capacity will be allocable for a service period shorter than 1 gas day.

<sup>8</sup> Except for Short haul Services Wheeling and OCUC for which both Interconnection Points are sold via FCFS: in this case the conversion into Short haul Services can be done for a Service Period of any duration of at least 1 Gas Day. For Dunkirk LNG where OCUC are offered associated with a Cross Border Delivery Service for the same Service Period which can be shorter than for monthly capacities.

Written only	Pro rata and FCFS	Quality Conversion Service H→L <sup>9</sup>		Multi Y, Y and B-o-Y  Not applicable
	Not applicable	Other Services	Zee Platform	
			ZTP Trading Services	
			Imbalance Pooling Service	
			L/H Capacity Switch Service	
			Diversion Service <sup>10</sup>	
		<a href="#">Additional Shipper Code</a>		

In the following sections, the Subscription and Allocation of Services is described

- Section ~~3.3.3~~ concerns the Services subscribed via Prisma
- Section 3.4 concerns the Services subscribed directly with the TSO via EBS
- Section 3.5 concerns the Services subscribed directly with the TSO in written
- Section 3.7 concerns the implicit Allocation of Services by the TSO

In case of allocation of Transmission Services relating to a new investment, an open season (Article 5 of the Code of Conduct) or an incremental process (CAM NC) may be, according to the procedures described in section 3.8.

## 3.2 Rate Types

The following Rate Types are attributed as follows:

- For an Entry Service at an Interconnection Point and Installation Points with a Service Period which is a multiple of 12 consecutive calendar months, the Yearly Rate Type is attributed for the Service Period;<sup>11</sup>
- For an Entry Service at an Interconnection Point and Installation Points with a Service Period which is less than 12 consecutive calendar months, the Seasonal Rate Type is attributed for the Service Period;
- For an Entry Service at an Interconnection Point and Installation Points with a Service Period which is longer than a multiple of 12 consecutive calendar months, the Transmission Service is split up by the Transmission System Operator into<sup>2</sup>:
  - i. First, a Transmission Service with a Yearly Rate Type with a duration of a multiple 12 consecutive calendar months;
  - ii. Hereafter, a Transmission Service with a Seasonal Rate Type, with a duration of the remaining Service Period;
- For an Exit Service at an Interconnection Point and Installation Points with any Service Period, the Yearly Rate Type is attributed.
- For an Exit Service at an End User Domestic Point with a requested Service Period which is a multiple of 12 consecutive calendar months, the Yearly Rate Type is attributed for the confirmed Service;

<sup>9</sup> First via subscription window (written only), for which Year and/or Multi-Year products are allocated pro rata request (Base and Seasonal), with a priority for longest period for Peak product. After subscription window (written only) Balance of Gas Year products are allocated via FCFS principle and are subject to availability and to the required logistics (e.g. with nitrogen suppliers)

<sup>10</sup> The possibility to use PRISMA to request the Diversion of existing services is being developed. The start date will be confirmed by the TSO at least 4 weeks in advance. Until then, the procedure remains manual

<sup>11</sup> Entry Services that are subject to a Wheeling Service or an Operational Capacity Usage Commitment (as set out in Attachment A) always have the Yearly Rate Type attributed. For Direct Line services, the same rules apply as for Exit Services at an End User Domestic Point.



- For an Exit Service at an End User Domestic Point with a requested Service Period which is between 1 and 12 calendar month, the Seasonal Rate Type is attributed for the confirmed Service Period;
- For an Exit Service at an End User Domestic Point with a requested Service Period which is less than one calendar month<sup>12</sup>, the Short Term Rate Type is attributed for the confirmed Service Period;
- For an Exit Service at an End User Domestic Point with a Service Period which is longer than a multiple of 12 consecutive calendar months, the Requested Transmission Service is split up by the Transmission System Operator into:
  - i. first, a Transmission Service with a Yearly Rate Type with a duration of a multiple of 12 consecutive calendar months;
  - hereafter, a Transmission Service with a Seasonal Rate Type with a duration of the remaining Service Period;
- For an Entry Service at an End User Domestic Point, the Rate Type is always “Yearly”. For Services towards the Distribution Network that are allocated implicitly by the TSO in accordance with section [3.7.13.7.1](#), the Rate Type is always “Yearly”.
- For Entry and Exit services on Loenhout the Rate Type “Yearly” is always applicable.

If the capacity subscription at the End User Domestic Point for Exit is less than 12 consecutive calendar months due to start-up or commissioning of the facilities connected the Transmission Grid (Start-Up and Commissioning), the Yearly Rate Type will apply for a maximum of 6 consecutive months and only when capacity requirements are not on regular basis.

Capacity Transmission Services	Service Period	Rate Type	MTSR
Entry Transmission Services on Interconnection Points and Installation Points	1 year or multiple of 12 calendar months(*)	Yearly	$MTSR_{d,e,ct,y,IP}$
	1 month= $\leq x < 1$ year (*)	Seasonal	$MTSR_{d,e,ct,s,IP}$
	< 1 month (*)		
Exit Transmission Services on Interconnection Points and Installation Points	All Service Periods (*)	Yearly	$MTSR_{d,x,ct,y,IP}$
Exit Transmission Services on End User Domestic Points	1 year or multiple of 12 calendar months	Yearly	$MTSR_{d,x,ct,y,XP}$
	1 month(***) = $\leq x < 1$ year	Seasonal	$MTSR_{d,x,ct,s,XP}$
	< 1 month	Short Term	$MTSR_{d,x,ct,st,XP}$
Exit Transmission Services on Distribution Domestic Points	All Service Periods	Yearly	$MTSR_{d,x,ct,y,XP}$

<sup>12</sup> For example: the requested Service Period of a Transmission Service with 14/m/yy as Start Date and 13/m+1/yy as End Date is considered as one calendar month.

Entry Transmission Services on End User Domestic Points	year	Yearly	$MTSR_{d,x,ct,y,XP}$
Entry Transmission Services on Distribution Domestic Points	year	Yearly	$MTSR_{d,x,ct,y,XP}$

- (\*) The Service Periods for Transmission Services on Interconnection Points subscribed through PRISMA are defined by default as annual, quarterly, monthly, daily and within-day.
- (\*\*\*) The Service Period of Transmission Services with start date 14/mm/yy and 13/mm+1/yy as end date are considered as 1 calendar month.
- Note that for capacities allocated by the TSO through implicit allocation (but not for implicit allocated Transmission Services through overnomination), as is the case for Loenhout or for Distribution Domestic Points, the Rate Type is always Yearly.

### 3.3 Subscription and Allocation of Services via PRISMA

#### 3.3.1 General

Transmission Services are offered on PRISMA by the TSO in accordance with the PRISMA GTC's (available on the PRISMA website [www.prisma-capacity.eu](http://www.prisma-capacity.eu)).

Services that can be subscribed via PRISMA are offered and can be subscribed in the form of bundled or unbundled products. Bundled products are products offered together with the relevant Adjacent Transmission System Operators, as long as the capacities are made available by the Adjacent Transmission System Operator. Remaining available capacity at the Interconnection Points and Installation Points is offered on PRISMA as unbundled product, whereby the same rules are applicable as for the bundled products.

In case PRISMA is not available (planned or unplanned unavailability of PRISMA) and upon notification by the TSO of the activation of such fall-back mechanism, the TSO keeps the possibility to offer the available capacity via an unbundled product in written form as the case may be and the Network User has the right to send its Service Request directly to the TSO, using the appropriate Form as published on the Fluxys Belgium website.

#### 3.3.2 First-Committed-First-Served

The Transmission Services offered on PRISMA via the First-Committed-First-Served mechanism (FCFS) are allocated in the order as they have been requested, for as long as Transmission Services are available.

The response times to the Service Request via PRISMA are reduced to near real-time if the requested Services are available with the TSO as requested.

The Service Request via FCFS is possible until 2 full hours before the start of the Service<sup>13</sup>. The delay for processing the Service Request and the Service Confirmation are dependent on the process and communication systems.

<sup>13</sup> Transmission Services for Dunkirk LNG Terminal shall be allocated to Network User taking into account the availability of necessary Cross Border Capacity contracts, therefore a lead time of 4 Business Days is considered required in order to acquire the necessary Cross Border Capacity by the TSO on the grid of the Adjacent TSO. TSO will allocate jointly this Cross Border Capacity to the Network User as Cross Border Delivery Service with the Entry, Exit or OCUC Services. In case TSO is not able to acquire within 4 Business Days after the request for subscription of Transmission Services for Dunkirk LNG Terminal the necessary Cross Border Capacity on the grid of the Adjacent TSO, TSO will withdraw the allocated Transmission Services on its grid for the same period and quantity for which the TSO was not able to acquire the Cross Border Capacity on the grid of the Adjacent TSO. TSO will take contact

The request for within-day capacity services are subject to the following conditions:

- For a given Gas Day, it will be possible for Network Users to request and subscribe (subject to the confirmation via PRISMA of the availability of the capacity) a capacity product starting at the earliest, on the first Gas Hour of the considered Gas Day and at the latest on the last Gas Hour of the considered Gas Day. The product will always be ending at the end of the considered Gas Day.
- The start hour will be calculated automatically by the system based on the contractual timestamp, taking a fullhour+2 lead-time
- For the avoidance of doubt, neither hour blocks, nor combinations of days and hours are possible.
- This implies that a daily product (one full gas day) can be subscribed until 4:00 AM local time the day before.

### 3.3.3 Auctions

The Transmission Services are offered on PRISMA according to a calendar which is determined annually and published on ENTSOG website and reflected on PRISMA and on Fluxys Belgium websites as well.

The products, bundled or unbundled, are offered on PRISMA following standardized Service Periods,

- On yearly basis, an auction for Gas Year products will be organised and the upcoming 15 Gas Years will be offered.
- On quarterly basis, quarterly products will be auctioned and the upcoming Gas Quarters (starting on the 1st of October, 1st of January, 1st of April or the 1st of July respectively) of the Gas Year will be offered.
- On monthly basis an auction for the following Gas Month will be organized (from the 1st Gas Day to the last Gas Day of any calendar month).
- On daily basis the next Gas Day will be auctioned
- On hourly basis within-day products will be auctioned - the services start within day and end at the end of the Gas Day.

Additional features such as Capacity Conversion are offered directly through the bidding screen on PRISMA, if applicable on related Interconnection Points.

In case of all Firm Capacity is subscribed during an Auction for yearly, quarterly, monthly and daily Services, a new subscription for Interruptible Services for the same duration will be organised after the closure of the Firm Auctions, insofar the TSO has identified that it is not possible to offer Firm Capacity in subsequent Auctions for shorter term durations, according to the European-wide agreed calendar published by ENTSOG.

The amount of capacities offered is published on PRISMA before the beginning of each Auction.

An amount of 20 % of the technical capacity at each Interconnection Point shall be set aside and offered subject to the following provisions:

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with Network User to verify whether Network User still want to subscribe Dunkirk LNG Terminal for the period and quantity for which the TSO was not able to acquire the Cross Border Capacity on the grid of the Adjacent TSO, and if Network User confirms his willingness to subscribe, TSO will use its reasonable endeavors to acquire – if available – the requested Cross Border Capacity on the grid of the Adjacent TSO and allocate this jointly with the Entry, Exit or OCUC Services - if available - as soon as possible after such confirmation.

- an amount equal to 10 % of the technical capacity at each Interconnection Point shall be offered no earlier than in the yearly capacity Auction during the fifth Gas Year preceding the start of the relevant Gas Year; and
- a further amount equal to 10 % of the technical capacity at each Interconnection Point shall first be offered no earlier than the quarterly capacity Auction during the Gas Year preceding the start of the relevant Gas Year.

For the auctioning of yearly, quarterly and monthly Services, an ascending clock Auction algorithm is applied. For the auctioning of daily and within-day Services, a uniform price Auction algorithm is applied (for details, see PRISMA GTC's)

For bundled Transmission Services, in case the Auction results in an Auction Premium, the Auction Premium will be charged by TSO, in accordance with Attachment A of the Access Code for Transmission. The split factor of the premium between the TSO and the Adjacent TSO is described in the PRISMA GTC's. This percentage is subject to the agreement between TSO and the concerned adjacent Transmission System Operator and to the approval by the respective concerned regulatory authorities.

For unbundled Transmission Services, in case the Auction results in an Auction Premium, the Auction Premium will be charged by TSO, in accordance with Attachment A of the Access Code for Transmission.

### 3.3.4 Conversion of Entry and Exit Services into Wheeling or Operational Capacity Usage Commitments

The TSO offers on PRISMA all Network Users having newly acquired<sup>14</sup> firm and/or backhaul Entry and Exit Services in the last 15 Days on the Primary Market, eligible as provided for in ACT - Attachment A for Wheeling or Operational Capacity Usage Commitments, the possibility to convert these Entry and Exit Services into a Wheeling or an Operational Capacity Usage Commitment, under following restrictive conditions:

- Entry and Exit Services need to have the same Service Period which is at least 1 Gas Day<sup>15</sup>,
- The Service Period of the OCUC or Wheeling will be identical as initially contracted,
- The Service Start Date is in the future,
- The minimum quantity for conversion is 1 kWh/h, the maximum quantity for conversion is the minimum between the initially contracted Entry and Exit Service, and
- Conversion can be done till 2 full hours before the start of the Service Period

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<sup>14</sup> For the avoidance of doubt newly acquired Services in the framework of Substitution Services are not eligible for the conversion to a Wheeling or an Operational Capacity Usage Commitment in accordance with Attachment A

<sup>15</sup> For the avoidance of doubt minimum 1 Gas Day contains also the possibility to convert a Within-Day product containing the maximum number of Hours in such Gas Day being 23/24/25 Hours.

### 3.3.5 Service Confirmation

In case the Transmission Service<sup>16</sup> was allocated via PRISMA, the Service Confirmation is sent by the TSO once the results are communicated to him, and the TSO registers the Service as a Subscribed Transmission Service. No further signature is required.

## 3.4 Subscription and Allocation of Services via EBS

In line with the table of section 3.1, this section is only applicable to Services if PRISMA is not available. The TSO retains the option to offer the available capacity via the Electronic Booking System (EBS), or in writing form as fall-back mechanisms (see below). During this period of unavailability of the PRISMA platform, the Network User has the right to send the requests directly to the TSO in the correct form.

In case the Service Request is complete, the Service Request is considered as binding to the Network User.

The response times to the Service Request via EBS are reduced to near real-time if the requested Services are available with the TSO as requested. Furthermore, for the Domestic Points the near real-time response requires that no change to the Allocation Agreement is necessary for the capacity to be allocated towards the Network User.

The Service Request via EBS is possible until midnight before the Start Date of the Service on the following Gas Day. The delay for processing the Service Request and the Service Confirmation are dependent on the process and communication systems.

If the Service Request is complete, Services are allocated in the order as they have been requested for as long as Services are available.

The Confirmation of Services will be confirmed in written in case that the Service Request is not fully available.

In case that the Service Request also needs the signature of the Allocation Agreement for the Domestic Point, then the Network User will need to follow the procedure as described in 3.6.1.1

## 3.5 Subscription and Allocation of Services via written form

In line with the table of section 3.1, this section is applicable to all Services which are not offered on PRISMA, EBS or which are not implicitly allocated to Network Users. This written procedure can also be activated by the TSO as fall-back mechanism should EBS or PRISMA platforms be unavailable.

### 3.5.1 Service Request

A Network User can send a Service Request in written (letter, fax or e-mail), using a Service Request form as published on the Fluxys Belgium website. The Service Request form contains the details of requested Service in particular the Service and its duration.

In case the Service Request is incomplete the Network User is invited to complete the Service Request. The TSO informs the Network User:

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<sup>16</sup> For Entry, Exit or OCUC Services at DNK LNG Terminal, TSO acquires the Cross Border Capacity for the same quantity and period on the grid of the Adjacent TSO and allocates jointly this Cross Border Capacity as Cross Border Delivery Service with the Entry, Exit or OCUC Services.

- within 2 Business Days after receipt of the Service Request, in case the requested Start Date is within 5 Business Days or less;
- within 5 Business Days after receipt of the Service Request, in case the requested Start Date is later than within 5 Business Days.

If complete, the Service Request is considered as binding to the Network User.

### 3.5.2 Service Confirmation

If the Service Request is complete, Services<sup>17</sup> are allocated in the order they have been requested for as long as Services are available. The Transmission System Operator sends the Service Confirmation:

- within 2 Business Days after receipt of the complete Service Request, in case the requested Start Date is within 5 Business Days or less;
- within 5 Business Days after receipt of the complete Service Request, in case the requested Start Date is later than within 5 Business Days.

The Service Confirmation is sent in written (e-mail) using a Service Confirmation Form as published on the Fluxys Belgium website.

## 3.6 Specific characteristics for the subscription of specific Services

### 3.6.1 Services at End Users Domestic Points

#### 3.6.1.1 Allocation Agreement

The Transmission System Operator sends through EDP an Allocation Agreement as published on the Fluxys Belgium website with the proposed Gas Allocation Rule to the End User of the End User Domestic Point and to the involved Network User(s) for signature through EDP. Upon request of the End User, this Allocation Agreement document can be made anonymous when sent to multiple Network Users, with the exception of an Allocation Agreement allowing the pooling of capacities between different Network User on one End User Domestic Point. Upon request of the Network User or End User, the Allocation Agreement can still be published on EDP. The Allocation Agreements signed by all involved parties are published on EDP unless made anonymous.

In case the Allocation Agreement is not signed by End User and/or (one of) the involved Network User(s) before the start date of the subscribed Transmission Service, the TSO contacts the End User. The provisional allocations (XEA<sub>h</sub> and EEA<sub>h</sub>) for the concerned End User Domestic Point will be performed as indicated by the End User, until a signed Allocation Agreement is received by the TSO.

The TSO may in no case be held liable for the consequences of a non-signed Allocation Agreement. Network User(s) having subscribed Transmission Services at an End User Domestic Point, but not having signed the Allocation Agreement defends, holds harmless and indemnify the TSO from and against any demand or claim regarding the provisional allocations of the End User or of the other Network User(s) involved at such End User Domestic Point.

In case the Network User wants to participate into the pooling of their capacities with one or more other Network User(s) at an End User Domestic Point, the involved Network Users

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<sup>17</sup> For Entry, Exit or OCUC Services at DNK LNG Terminal, TSO acquires the Cross Border Capacity for the same quantity and period on the grid of the Adjacent TSO and allocates jointly this Cross Border Capacity as Cross Border Delivery Service with the Entry, Exit or OCUC Services.

have to specify specific roles of the different Network Users and agree on this in the Gas Allocation Rule in the Allocation Agreement. The Network Users pooling capacities on an End User Domestic Point also have to inform each other of their subscribed levels of MTSR at the End User Domestic Point and shall inform each other immediately of any changes of such level of MTSR during the entire period between the Start and End Date of this Agreement.

### 3.6.1.2 Link with Connection Agreement of considered End User

In case the Connection Agreement between the considered End User and the TSO is terminated, the Service Confirmation Form of the Network User at the considered End User Domestic Point shall be adjusted accordingly.

### 3.6.2 Quality Conversion H→L

On an annual rolling basis, a Subscription Window is organized with a period starting on 1/10/Y. The Peak Load services are offered on a yearly basis or a multiyear basis (up to 5 years can be offered) with 30/9/Y+N always as end date of the period. The Base Load and Seasonal Load Quality Conversion Services are offered on a yearly basis with 30/9/Y+1 always as end date of the period. All Network Users will be informed in advance on the scheduled yearly Subscription Window on the quantities that will be made available and of the Specific Terms and Conditions of the Subscription Window. These Specific Terms and Conditions of the Subscription Window will be communicated to CREG and published on Fluxys Belgium's website.

Peak Load Quality Conversion Requests sent during the Subscription Window are allocated in proportion to the requested quantities with priority to the longest period. Since the Base Load and Seasonal Load Quality Conversion Services make use of the same physical capacities, capacities will be allocated pro rata the requested quantities of both services together.

After closing of a Subscription Window, the Quality Conversion Services that were not subscribed during the window can be subscribed on "First-Committed-First-Served" basis, subject to availability. This Quality Conversion Request sent after closing of the Subscription Window can have any start date (either before the 1/10/Y+1, but the end date is always 30/09/Y+1).

- Such Quality Conversion Services requested after closing of the Subscription Window are allocated in the order as they have been requested, and are subject to availability and to the required logistics (e.g. with nitrogen suppliers) which are typically arranged after the closing of the Subscription Window.
- Quality Conversion Requests for a service period later than 01/10/Y+1, sent before the Subscription Window, are not treated. For these Quality Conversion Requests, the Network User is advised to re-submit the Quality Conversion Request during the Subscription Window.

### 3.6.3 Quality Conversion L→H

Quality Conversion L->H Services can be subscribed through PRISMA for a Service Period of minimum 1 day and that these Quality Conversion L->H Services requests are allocated in the order as they have been requested.



### 3.6.4 Zee Platform

The Zee Platform Service Request specifies a Start Date but no End Date since the Zee Platform Service is subscribed for unlimited Duration as of Start Date.

Network Users can make a request for Zee Platform following the procedure as described in 3.5.

### 3.6.5 ZTP Trading Services

The ZTP Trading Services Request specifies a Start Date but no End Date since the ZTP Trading Services are subscribed for unlimited Duration as of Start Date.

Network Users can make a request for ZTP Trading Services following the procedure as described in 3.5.

### 3.6.6 Additional Shipper Code Service

The Additional Shipper Code Service Request specifies a Start Date but no End Date since the Additional Shipper Code Service is subscribed for unlimited Duration as of Start Date.

Network Users can make a request for an additional Shipper Code following the procedure as described in 3.5.

### ~~3.6.6~~3.6.7 Substitution Services

#### ~~3.6.6~~3.6.7.1 Capacity Conversion Service

The TSO offers all Network Users holding unbundled capacity at one side of an Interconnection Point the possibility to convert this capacity into bundled capacity at the following conditions:

- Capacity with a standard yearly, quarterly, monthly or daily (day ahead) Service Period can be converted.
- Capacity that is assigned with retained payment obligation cannot be converted by the assignor nor the assignee.
- Case 1 - Network User holds unbundled Entry, Exit, Wheeling or OCUC Services at the TSO side of the Interconnection Point: during the bidding process, Network User may request the conversion of corresponding existing Unbundled Capacity. To that end, Network User shall request Capacity Conversion through the bidding screen by specifying the contract reference and amount of capacity to be converted. The corresponding existing Unbundled Capacity will be converted into the TSO part of the newly acquired Bundled Capacity, for the quantity mentioned in the request. The existing Service(s) shall not be further affected by the conversion, in particular no additional fee will be charged for the TSO part of the newly acquired Bundled Capacity except any eventual Auction Premium.
- Case 2 - Network User holds unbundled Entry or Exit Services at the Adjacent TSO side of the Interconnection Point: after the auctioning of Bundled Capacity on PRISMA for the corresponding Service Period and Interconnection Point, Network User may request the conversion of corresponding existing unbundled Capacity. To that end, Network User shall send to the TSO a Conversion request Form within 5 Business Days following the Day on which the auction took place on PRISMA. The corresponding existing Unbundled Capacity at the Adjacent TSO side of the Interconnection Point will be bundled with existing or newly acquired unbundled



Entry, Exit, Wheeling or OCUC Services at the TSO side of the Interconnection Point insofar available. For the avoidance of doubt the TSO is not responsible for checking the correctness of the data regarding the unbundled Services at the Adjacent TSO side of the Interconnection Point and the resulting Bundled Capacity will be registered as such by the TSO.

Network Users can make a request for Capacity Conversion Services following the procedure as described in 3.3.

### **3.6.6.23.6.7.2 L/H Capacity Switch Service**

In the framework of the L/H Capacity Switch Service, only Firm Entry capacity with a standard yearly Service Period can be transferred from one L-Gas Interconnection Point to H-gas Interconnection Points or Installation Points as described in ACT-Attachment A.

Network Users can send a L/H Capacity Switch Request in written (letter, fax, email) at the latest 2 Business Days after it has acquired the new Transmission Services, using a L/H Capacity Switch Service Request Form as published on the Fluxys Belgium website.

The Service Request shall specify the contract reference and the amount of capacity to be transferred as well as the relevant Interconnection Points or Installation Points.

L/H Capacity Switch Requests received for a capacity contract shall be capped, if applicable, to the amount of capacity of that contract during the relevant period.

For the avoidance of doubt, capacity that is assigned with retained payment obligation cannot be transferred under the L/H Capacity Switch Service by the assignor nor the assignee.

L/H Capacity Switch Service Requests are allocated following the procedure as described 3.5.2 insofar as Network User has acquired the new Transmission Services for the considered period.

### **3.6.6.33.6.7.3 Diversion Service**

In the framework of the Diversion Service, only capacity with a standard yearly, quarterly or monthly Service Period can be diverted from one Interconnection Point or Installation Point to another Interconnection Point or Installation Point at the same grid location as described in ACT-Attachment A.

Network Users can send a Diversion Request in written (letter, fax, email) at the latest 2 business days after it has acquired the new Transmission Services, using a Diversion Service Request Form as published on the Fluxys Belgium website.

The Service Request shall specify the contract reference and the amount of capacity to be diverted as well as the relevant Interconnection Points or Installation Point. Diversion Requests received for a capacity contract shall be capped, if applicable, to the amount of capacity of that contract during the relevant period.

For the avoidance of doubt, capacity that is assigned with retained payment obligation cannot be transferred under the Diversion Service by the assignor nor the assignee.

Diversion Service Requests are allocated following the procedure as described in 3.5.2 insofar as Network User has managed to timely acquire the requested new Transmission Services for the considered period. If Network User did not subscribe fully the requested new Transmission Services for the considered period on the requested Interconnection Point or Installation Point, TSO will allocate the Diversion Service with the effectively subscribed quantity during that period, pro-rata between the existing Transmission Services to be diverted.

## 3.7 Transmissions Services with implicit Allocation from the TSO

### 3.7.1 Exit Services at Distribution Domestic Points

There is no explicit subscription for Exit Services on the Distribution Domestic Points. These Transmission Services towards Distribution Domestic Points are allocated on a monthly basis by the Transmission System Operator to the Network Users.

The capacity towards Distribution Domestic Points (hereinafter referred to as "Distribution Capacity") is determined on a yearly basis, based on the winter analysis of the last 5 years and taking into account the Growth Factor. These Transmission Services are allocated to the Network Users on a monthly basis, based on their market shares per Customer Segment and per Aggregated Receiving Station.

The creation of a federal clearing House, "Atrias", and the introduction of a new market communication standard (MIG6) requires changes in the commodity Allocation process done by the DSO. These changes also imply an adjustment of the implicit Allocation mechanism for Transmission Services at Distribution Domestic Points. Depending on the actual implementation date of the new commodity Allocation process, transitory measures are required to move from the current (MIG4) to the new (MIG6) commodity Allocation process. Therefore the following three phases can be identified:

1. Situation before implementation date, described in section 3.7.1.1
2. New situation starting as from 1 January of the following Calendar Year, as described in section 3.7.1.2.
3. Optional transitory phase: in case the implementation date is not on 1 January, the months before the implementation date will be treated according to the current regime as described in section 3.7.1.1. As from the implementation date, the remaining months of the Calendar Year will be treated according to the new regime as described in section 3.7.1.2, with the exception of the Monthly Registered Customers, where transitory measures will apply as from the implementation date until the end of the Calendar Year as described in section 3.7.1.3.

The implementation is managed within Atrias and is mainly regarding planning an exogenous data for Fluxys Belgium. Following the final decision and confirmation by Atrias of the implementation date, the shippers will be notified by letter Fluxys Belgium.

#### 3.7.1.1 Exit Services at Distribution Domestic Points before implementation date

##### 3.7.1.1.1 Distribution Capacity & Distribution Capacity per Customer Segment

The daily Distribution Capacity to supply the Distribution Network in Belgium is determined annually by May 15 for the upcoming Gas Year, in function of the winter analysis (November y-1 until and including February y), using the least squares methodology for calculating the requirement at an Equivalent Temperature of -11°C with a risk of 1 %, taking into account the daily Distribution Capacity during the last 5 years and a Growth Factor ( $GF_y$ ). The daily Distribution Capacity for the upcoming year is equal to the maximum of the daily Distribution Capacity of the last 5 years ( $DC_{d,y}$ ). The new daily Distribution Capacity enters into force on October 1<sup>st</sup> of the considered year.

$$DC_{d,y} = \max (DC_{d,y-1} ; DC_{d,y-2} ; DC_{d,y-3} ; DC_{d,y-4} ; DC_{d,y-5}) \times (1 + GF_y)$$

This daily value is converted to an hourly value ( $DC_{h,y}$ ) based on the observed historical daily/hourly ratio.

Such a winter analysis, but with a 50 % risk, is done as well in order to determine the daily global capacity level for each Customer Segment ( $DC_{d,y,S30}$ ,  $DC_{d,y,S31}$ ,  $DC_{d,y,S32}$ ,  $DC_{d,y,S41}$ ).

The hourly Distribution Capacity ( $DC_{h,y}$ ) is distributed proportionally to the daily Distribution Capacity per Customer Segment  $cs$ , in order to obtain an hourly Distribution Capacity per Customer Segment ( $DC_{h,y,S30}$ ,  $DC_{h,y,S31}$ ,  $DC_{h,y,S32}$ ,  $DC_{h,y,S41}$ ).

$$DC_{h,y,cs} = DC_{h,y} \times \frac{DC_{d,y,cs}}{\sum DC_{d,y,cs}}$$

3.7.1.1.2 Monthly allocation of Exit Services between active Network Users

3.7.1.1.2.1 Telemetered Final Customers

S30 Final Customers are telemetered by the Distribution Grid Operator. For each S30 Final Customer  $fc$ , the Peak Metering Value ( $PMV_{m,fc}$ ) for month  $m$  is determined based on the maximum validated<sup>18</sup> Exit Energy Metering ( $XEM'_{h,fc}$ ) of the last 12 months for the considered Final Customer  $fc$ . Each S30 Final Customer is located at a Distribution Network.

$$PMV_{m,fc,S30} = \max_{last\ 12\ months} (XEM'_{h,fc,S30})$$

Each S30 Final Customer is linked to one Network User. The sum of the Peak Metering Values of the S30 Final Customers in the customer portfolio of a Network User  $g$  for month  $m$  ( $PMV_{m,fc,S30}$ ), multiplied by the Distribution Capacity for the S30 Customer Segment, divided by the Peak Metering Values of all S30 Final Customers, gives the Transmission Services allocated to the considered Network User  $g$  ( $DC_{m,S30,g}$ ) for the S30 Customer Segment for the considered month  $m$ .

$$DC_{m,S30,g} = \frac{\sum_{All\ fc\ of\ g} PMV_{m,fc,S30}}{\sum_{all\ S30\ fcs} PMV_{m,fc,S30}} \times DC_{h,y,S30}$$

3.7.1.1.2.2 S32 Profiled Final Customers

Transmission Services for the S32 Customer Segment  $cs$  ( $DC_{m,S32,g}$ ) are allocated, for each month  $m$  of the whole year, to the Network User  $g$  in proportion to the commodity allocations of the Customer Segment  $cs$  ( $XEA'_{h,cs}$ ) during the months January and February of the considered year, as allocated by the Distribution Grid Operator, in the customer portfolio of this Network User  $g$ <sup>19</sup>.

$$DC_{m,S32,g} = DC_{h,y,S32} \times \frac{\sum_{All\ hours\ of\ months\ January\_February} XEA'_{h,S32,g}}{\sum_{All\ Network\ Users} \left[ \sum_{All\ hours\ of\ months\ January\_February} XEA'_{h,S32,g} \right]}$$

3.7.1.1.2.3 Other Profiled Final Customers (S31 and S41)

Transmission Services for the S31 and S41 Customer Segment  $cs$  are allocated to the Network User  $g$  in proportion to the total commodity allocations of the Customer Segment  $cs$

<sup>18</sup> Validated metered data by DGO when first allocation is sent to the TSO

<sup>19</sup> The portfolio can be transferred only in totality from one Network User to another during the current calendar year

( $XEA'_{h,cs}$ ) during the considered month  $m$ , as allocated by the Distribution Grid Operator, in the customer portfolio of this Network User  $g$  for the considered Customer Segment ( $DC_{m,S31,g}$ ,  $DC_{m,S41,g}$ ).

$$DC_{m,S31,g} = DC_{h,y,S31} \times \frac{\sum_{\text{All hours of month } m} XEA'_{h,S31,g}}{\sum_{\text{All Network Users}} \left[ \sum_{\text{All hours of month } m} XEA'_{h,S31,g} \right]}$$

$$DC_{m,S41,g} = DC_{h,y,S41} \times \frac{\sum_{\text{All hours of month } m} XEA'_{h,S41,g}}{\sum_{\text{All Network Users}} \left[ \sum_{\text{All hours of month } m} XEA'_{h,S41,g} \right]}$$

### 3.7.1.1.3 Allocation Exit Services per Customer Segment per Network User on ARS level

The monthly Distribution Capacity per Network User per Customer Segment ( $DC_{m,S30,g}$ ,  $DC_{m,S31,g}$ ,  $DC_{m,S32,g}$ ,  $DC_{m,S41,g}$ ) is distributed per ARS (Aggregated Receiving Station) on a monthly basis ( $DC_{m,S30,g,ARS}$ ,  $DC_{m,S31,g,ARS}$ ,  $DC_{m,S32,g,ARS}$ ,  $DC_{m,S41,g,ARS}$ ).

#### 3.7.1.1.3.1 Telemetered Final Customers

Each Final Customer is connected to one ARS. The monthly S30 Distribution Capacity of a Network User ( $DC_{m,S30,g}$ ) is distributed to the ARSs proportionally to the sum of the monthly Peak Metering Values ( $PMV_{m,fc,S30,g}$ ) of Final Customers  $fc$  in the customer portfolio of Network User  $g$  on the considered ARS.

$$DC_{m,S30,g,ARS} = DC_{m,S30,g} \times \frac{\sum_{\text{All } fc \text{ of considered ARS}} PMV_{m,fc,S30,g}}{\sum_{\text{All } fc \text{ of all ARSs}} PMV_{m,fc,S30,g}}$$

#### 3.7.1.1.3.2 S32 – Profiled final Customers

The Distribution Capacity S32 Customer Segment for a Network User  $g$  ( $DC_{m,S32,g}$ ), for each month, is distributed to the different ARSs in proportion of the monthly commodity allocation of the months January and February of the considered year per ARS ( $XEA'_{h,cs,g,ARS}$ ), as allocated by the Distribution Grid Operator.

$$DC_{m,S32,g,ARS} = DC_{m,S32,g} \times \frac{\sum_{\text{All hours of month for the considered ARS for months January and February}} [XEA'_{h,S32,g,ARS}]}{\sum_{\text{All ARSs}} \left[ \sum_{\text{All hours of months January and February}} [XEA'_{h,S32,g,ARS}] \right]}$$

#### 3.7.1.1.3.3 Others Profiled Final Customers (S31 & S41)

The Distribution Capacity for respectively S31 and S41 for a Network User  $g$  ( $DC_{m,S31,g}$ ,  $DC_{m,S41,g}$ ) is distributed to the different ARSs in proportion of the monthly commodity allocation of the considered segment per ARS ( $XEA'_{h,cs,g,ARS}$ ), as allocated by the Distribution Grid Operator.

$$DC_{m,S31,g,ARS} = DC_{m,S31,g} \times \frac{\sum [XEA'_{h,S31,g,ARS}]}{\sum_{All\ ARSs} \left[ \sum_{All\ hours\ of\ month} [XEA'_{h,S31,g,ARS}] \right]}$$

$$DC_{m,S41,g,ARS} = DC_{m,S41,g} \times \frac{\sum [XEA'_{h,S41,g,ARS}]}{\sum_{All\ ARSs} \left[ \sum_{All\ hours\ of\ month} [XEA'_{h,S41,g,ARS}] \right]}$$

3.7.1.1.4 Estimation of the Monthly allocated Exit Services per active Network Users

The Distribution Capacity is allocated on a monthly basis to Network Users using definitive Energy Allocation information. Therefore the monthly Distribution Capacity per Network User per Customer Segment (and per ARS) can only be computed and communicated after the month. In order to allow Network Users estimating such monthly Distribution Capacity, the TSO will determine indicative estimation factors, valid for the upcoming Gas Year (Oct Y – Sep Y+1). Those indicative estimation factors are provided for information purposes only and are not binding towards the TSO, as regards to the effectively allocated Distribution Capacity. Those factors will be reviewed at least annually by May 15<sup>th</sup> and published on the website of the TSO.

3.7.1.1.4.1 Telemetered Final Customers

For telemetered Final Customers, Network Users will be able to estimate the monthly forecasted S30 Distribution Capacity ( $DC_{m,S30,g,f}$ ) for each month of the upcoming Gas Year, as the sum of the monthly Peak Metering Values ( $PMV_{m,fc,S30,g}$ ) of Final Customers  $fc$  in the estimated customer portfolio of Network User  $g$ <sup>20</sup> multiplied by the yearly Indicative Estimation Factor for S30 customer segment ( $IEF_{S30,y}$ ) applicable for such Gas Year.

$$DC_{m,S30,g,f} = \left( \sum_{All\ fc\ of\ g} PMV_{m,fc,S30} \right) \Bigg|_{\text{Estim. for month m by Network User}} \times IEF_{S30,y}$$

The yearly Indicative Estimation Factor for S30 customer segment ( $IEF_{S30,y}$ ), calculated by May of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1) is obtained by the division of the Distribution Capacity for the S30 Customer Segment ( $DC_{h,y,S30}$ ) by the sum of the Peak Metering Values determined for the month February of the relevant year Y ( $PMV_{Feb,fc,S30,g}$ ) of all Final Customers  $fc$ , as defined in 3.7.1.1.2.1.

$$IEF_{S30,y} = \frac{DC_{h,y,S30}}{\sum_{All\ fc} PMV_{Feb,fc,S30}}$$

3.7.1.1.4.2 S32 profiled Final Customers

For S32 profiled Final Customers, Network Users will be able to estimate the monthly forecasted Distribution Capacity ( $DC_{m,cs,g,t}$ ) for each month of the upcoming Calendar Year, as the sum of the estimated consumption during January and February of Final Customers  $fc$  in Customer Segment  $cs$  in the estimated customer portfolio of Network User

<sup>20</sup> The estimation of such customer portfolio is the responsibility of the Network User.

$g^{21}$  divided the yearly Indicative Estimation Factor for Customer Segment S32 ( $IEF_{y,S32}$ ) that applies to that Gas Year

$$DC_{m,S32,g,f} = \frac{\left( \sum_{\substack{\text{All } fc \text{ of } g \\ \text{during January and February}}} XEA_{fc,S32} \right)_{\text{Estim by Network User}}}{IEF_{S32,y}}$$

The yearly Indicative Estimation Factor for S32 Customer Segment ( $IEF_{S32,y}$ ), calculated by May of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1) is obtained by the division of the Distribution Capacity for the S32 Customer Segment ( $DC_{h,y,S32}$ ) by the sum of the hourly Exit Allocations during the months January and February, of all Final Customers  $fc$ , as defined in [3.7.1.1.2.23-7.1.1.2.2](#).

$$IEF_{S32,y} = \frac{\sum_{\substack{\text{All } fc \text{ and hours of} \\ \text{January and February}}} XEA_{h,fc,S32}}{DC_{h,y,S32}}$$

#### 3.7.1.1.4.3 Other Profiled Final Customers (S31 & S41)

For profiled Final Customers (in Customer Segments S31 and S41), Network Users will be able to estimate the monthly forecasted Distribution Capacity ( $DC_{m,cs,g,t}$ ) for each month of the upcoming Gas Year, as the sum for such month of the Standard Yearly Consumption ( $SYC_{fc,cs}$ ) of Final Customers  $fc$  in Customer Segment  $cs$  in the estimated customer portfolio of Network User  $g^{22}$  divided by the relevant estimation factor, namely the yearly Indicative Estimation Factor for Customer Segment S31 ( $IEF_{y,S31}$ ) and the yearly Indicative Estimation Factor for Customer Segment S41 ( $IEF_{y,S41}$ ).

$$DC_{m,S31,g,f} = \frac{\left( \sum_{\text{All } fc \text{ of } g} SYC_{fc,S31} \right)_{\text{Estim. for month } m \text{ by Network User}}}{IEF_{S31,y}}$$

$$DC_{m,S41,g,f} = \frac{\left( \sum_{\text{All } fc \text{ of } g} SYC_{fc,S41} \right)_{\text{Estim. for month } m \text{ by Network User}}}{IEF_{S41,y}}$$

The yearly Indicative Estimation Factor for Customer Segment S31 and S41 ( $IEF_{S31,y}$  and  $IEF_{S41,y}$ ), calculated at least annually by May 15 of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1), are obtained by the division of the observed total Standard Yearly Consumption over the period March Y-1 – Feb Y for such Customer Segment, by Distribution Capacity for the such Customer Segment ( $DC_{h,y,S31}$  or  $DC_{h,y,S41}$ ).

The observed total Standard Yearly Consumption is obtained by averaging over each hours  $h$  over the period March Y-1 – Feb Y and over all ARS, the division of the final hourly Energy Allocation per Customer Segment  $cs$  and per ARS ( $XEA'_{ARS,cs,h}$ ) by the Climate Correction

<sup>21</sup> The estimation of such customer portfolio is the responsibility of the Network User.

<sup>22</sup> The estimation of such customer portfolio is the responsibility of the Network User.

Factor for such hour ( $KCF_h$ ), the Standard Load Profile for such hour and Customer Segment ( $SLP_{cs,h}$ ) and the GOS Residu Factor for such hour and such ARS ( $GRF_{ARS,h}$ ).

$$IEF_{S31,y} = \frac{\text{average} \left( \sum_{\text{all ARSs}} \left[ \frac{XEA_{ARS,S31,h}}{(KCF_{S31,h} \times SLP_{S31,h} \times GRF_{ARS,h})} \right] \right)_{\text{all hours of previous year}}}{DC_{h,y,S31}}$$

$$IEF_{S41,y} = \frac{\text{average} \left( \sum_{\text{all ARSs}} \left[ \frac{XEA_{ARS,S41,h}}{(KCF_{S41,h} \times SLP_{S41,h} \times GRF_{ARS,h})} \right] \right)_{\text{all hours of previous year}}}{DC_{h,y,S41}}$$

### 3.7.1.2 Exit Services at Distribution Domestic Points as from implementation date

#### 3.7.1.2.1 Distribution Capacity & Distribution Capacity per Customer Segment

The daily Distribution Capacity to supply the Distribution Network in Belgium is determined annually by May 15 for the upcoming Gas Year, in function of the winter analysis (November y-1 until and including February y), using the least squares methodology for calculating the requirement at an Equivalent Temperature of  $-11^{\circ}\text{C}$  with a risk of 1 %, taking into account the daily Distribution Capacity during the last 5 years and a Growth Factor ( $GF_y$ ). The daily Distribution Capacity for the upcoming year is equal to the maximum of the daily Distribution Capacity of the last 5 years ( $DC_{d,y}$ ). The new daily Distribution Capacity enters into force on October 1<sup>st</sup> of the considered year.

$$DC_{d,y} = \max (DC_{d,y-1} ; DC_{d,y-2} ; DC_{d,y-3} ; DC_{d,y-4} ; DC_{d,y-5}) \times (1 + GF_y)$$

This daily value is converted to an hourly value ( $DC_{h,y}$ ) based on the observed historical daily/hourly ratio.

Such a winter analysis, but with a 50 % risk, is done as well in order to determine the daily global capacity level for each type of Customer ( $DC_{d,y,AMR}$ ,  $DC_{d,y,EAV}$ ,  $DC_{d,y,MRC}$ ).

The hourly Distribution Capacity ( $DC_{h,y}$ ) is distributed proportionally to the daily Distribution Capacity per Customer Segment  $cs$ , in order to obtain an hourly Distribution Capacity per type of Customer ( $DC_{h,y,AMR}$ ,  $DC_{h,y,EAV}$ ,  $DC_{h,y,MRC}$ ).

$$DC_{h,y,cs} = DC_{h,y} \times \frac{DC_{d,y,cs}}{\sum_{\text{all } cs} DC_{d,y,cs}}$$

#### 3.7.1.2.2 Monthly allocation of Exit Services between Network Users and on ARS level

##### 3.7.1.2.2.1 Telemetered Final Customers AMR

AMR Final Customers are telemetered by the DSO. For each AMR Final Customer  $fc$ , the Peak Metering Value ( $PMV_{m,fc}$ ) for month  $m$  is determined based on the maximum validated<sup>23</sup> Exit Energy Metering ( $XEM'_{h,fc,AMR}$ ) of the last 12 months for the considered AMR Final Customer  $fc$ . Each AMR Final Customer is located at a Distribution Network.

<sup>23</sup> Validated metered data by DSO when first allocation is sent to the TSO.



$$PMV_{m,fc,AMR} = \max_{last\ 12\ months} (XEM'_{h,fc,AMR})$$

Each AMR Final Customer is linked to one Network User. Distribution Capacity for the AMR Customer Segment ( $DC_{h,y,AMR}$ ) is distributed to Network User  $g$  proportionally to the sum of the monthly Peak Metering Values of the AMR Final Customers  $fc$  in the customer portfolio of a Network User  $g$  for month  $m$  ( $PMV_{m,fc,AMR}$ ) divided by the sum of the monthly Peak Metering Values of all AMR Final Customers.

$$DC_{m,AMR,g} = DC_{h,y,AMR} \times \frac{\sum_{All\ fc\ of\ g} PMV_{m,fc,AMR}}{\sum_{all\ AMR\ fcs} PMV_{m,fc,AMR}}$$

Each AMR Final Customer  $fc$  is connected to one ARS. The monthly AMR Distribution Capacity of a Network User  $g$  ( $DC_{m,AMR,g}$ ) is distributed to the ARS proportionally to the sum of the monthly Peak Metering Values of AMR Final Customers  $fc$  in the customer portfolio of Network User  $g$  on the considered ARS ( $PMV_{m,fc,AMR,g}$ ) divided by the sum of the monthly Peak Metering Values of AMR Final Customers  $fc$  in the customer portfolio of Network User  $g$  for all AMR Final Customers.

$$DC_{m,AMR,g,ARS} = DC_{m,AMR,g} \times \frac{\sum_{All\ fc\ of\ considered\ ARS} PMV_{m,fc,AMR,g}}{\sum_{All\ fc\ of\ all\ ARSs} PMV_{m,fc,AMR,g}}$$

### 3.7.1.2.2.2 Annual registered Final Customers EAV

The allocation of Transmission Services for EAV Final Customers are based on annual registration by the DSO. For EAV Final Customers, the Transmission System Operator uses commodity allocations from the DSO to allocate Transmission Services, as provided in the Standard Connection Agreement Fluxys Belgium/DSOs.

Transmission Services for the EAV Customer Segment  $cs$  are allocated to Network User  $g$  in proportion to the total commodity allocations of the Customer Segment EAV ( $XEA'_{h,EAV,g}$ ) during the considered month  $m$ , as allocated by the DSO, in the customer portfolio of this Network User  $g$  for the considered Customer Segment ( $DC_{m,EAV,g}$ ) divided by the sum of the total commodity allocations of the Customer Segment EAV during the considered month  $m$  for all Network Users  $g$ .

$$DC_{m,EAV,g} = DC_{h,y,EAV} \times \frac{\sum_{All\ hours\ of\ month\ m} XEA'_{h,EAV,g}}{\sum_{All\ Grid\ Users} \left[ \sum_{All\ hours\ of\ month\ m} XEA'_{h,EAV,g} \right]}$$

The monthly EAV Distribution Capacity of Network User  $g$  ( $DC_{m,EAV,g}$ ) is distributed to the ARS in proportion to the total commodity allocations of the Customer Segment EAV during the considered month  $m$ , per Network User  $g$  and per ARS ( $XEA'_{h,EAV,g,ARS}$ ) divided by the sum of



the total commodity allocations of the Customer Segment EAV during the considered month  $m$  and per Network User  $g$  for all ARS.

$$DC_{m,EAV,g,ARS} = DC_{m,EAV,g} \times \frac{\sum_{\text{All hours of month } m} XEA'_{h,EAV,g,ARS}}{\sum_{\text{All ARSs}} \left[ \sum_{\text{All hours of month } m} XEA'_{h,EAV,g,ARS} \right]}$$

### 3.7.1.2.2.3 Monthly Registered Final Customers MRC (SMR3, RMV and EMV)

For MRC Final Customers, (Customer Segments SMR3, RMV and EMV), the Transmission System Operator uses Bottom-Up January Metering Value to allocate Transmission Services. This Bottom-Up January Metering Value is provided by the DSO, as provided in the Standard Connection Agreement Fluxys Belgium/DSOs. Each month  $m$ , the DSO updates the Bottom-Up January Metering Value to take into account portfolio changes between Network Users.

The Bottom-Up January Metering Value for the MRC Final Customers, for Network User  $g$ , for month  $m$  and per ARS ( $BUJMV_{MRC,g,m,ARS}$ ) is calculated by adding the Bottom-Up January Metering Values for month  $m$  ( $BUJMV_{cs,g,m,ARS}$ ) for the SMR3, RMV and EMV Customer Segments  $cs$ .

$$BUJMV_{MRC,g,m,ARS} = BUJMV_{SMR3,g,m,ARS} + BUJMV_{RMV,g,m,ARS} + BUJMV_{EMV,g,m,ARS}$$

The Monthly Transmission Services for the MRC Customer Segments  $cs$  ( $DC_{m,MRC,g}$ ) are allocated to Network User  $g$ , for each month  $m$ , in proportion to the Bottom-Up January Metering Value for the MRC Final Customers of Network User  $g$  for month  $m$  ( $BUJMV_{MRC,g,m}$ ) divided by the Bottom-Up January Metering Value for MRC Final Customers for month  $m$  for all Network Users  $g$ .

$$DC_{m,MRC,g} = DC_{h,y,MRC} \times \frac{BUJMV_{MRC,g,m}}{\sum_{\text{All Network Users}} [BUJMV_{MRC,g,m}]}$$

The Distribution Capacities for the MRC Final Customer  $cs$ , for Network User  $g$  ( $DC_{m,MRC,g,ARS}$ ) are distributed per ARS in proportion to the Bottom-Up January Metering Value for the MRC customers of Network User  $g$ , for month  $m$  and per ARS ( $BUJMV_{MRC,g,m,ARS}$ ), divided by the Bottom-Up January Metering Value for MRC Final Customers for month  $m$ , for Network Users  $g$  and for all ARS.

$$DC_{m,MRC,g,ARS} = DC_{m,MRC,g} \times \frac{BUJMV_{MRC,g,m,ARS}}{\sum_{\text{All ARSs}} [BUJMV_{MRC,g,m,ARS}]}$$

### 3.7.1.2.3 Estimation of the Monthly allocated Exit Services per active Network Users

The Distribution Capacity is allocated on a monthly basis to Network Users using definitive Energy Allocation information. Therefore the monthly Distribution Capacity per Network User per Customer Segment (and per ARS) can only be computed and communicated after the month. In order to allow Network Users estimating such monthly Distribution Capacity, the TSO will determine indicative estimation factors, valid for the upcoming Gas Year (Oct Y – Sep Y+1). Those indicative estimation factors are provided for information purposes only and are not binding towards the TSO, as regards to the effectively allocated Distribution

Capacity. Those factors will be reviewed at least annually by May 15<sup>th</sup> and published on the website of the TSO.

### 3.7.1.2.3.1 Telemetered Final Customers AMR

For telemetered Final Customers, Network Users will be able to estimate the monthly forecasted Distribution Capacity ( $DC_{m,AMR,g,f}$ ) for each month of the upcoming Gas Year, as the sum of the monthly Peak Metering Values ( $PMV_{m,fc,AMR,g}$ ) of Final Customers  $fc$  in the estimated customer portfolio of Network User  $g$ <sup>24</sup> multiplied by the yearly Indicative Estimation Factor for AMR customer segment ( $IEF_{AMR,y}$ ) applicable for such Gas Year.

$$DC_{m,AMR,g,f} = \left( \sum_{All\ fc\ of\ g} PMV_{m,fc,AMR} \right) \Big|_{Estim.\ for\ month\ m\ by\ Network\ User} \times IEF_{AMR,y}$$

The yearly Indicative Estimation Factor for AMR customer segment ( $IEF_{AMR,y}$ ), calculated by May of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1) is obtained by the division of the Distribution Capacity for the AMR Customer Segment ( $DC_{h,y,AMR}$ ) by the sum of the Peak Metering Values determined for the month February of the relevant year Y ( $PMV_{Feb,fc,AMR,g}$ ) of all Final Customers  $fc$ , such as described in section 3.7.1.1.3.1.

$$IEF_{AMR,y} = \frac{DC_{h,y,AMR}}{\sum_{All\ fc} PMV_{Feb,fc,AMR}}$$

### 3.7.1.2.3.2 Annual registered Final Customer EAV

For Annual Customers (Customer Segment EAV), Network Users will be able to estimate the monthly forecasted Distribution Capacity ( $DC_{m,EAV,g,f}$ ) for each month of the upcoming Gas Year, as the sum for such month of the Yearly Standard Energy Offtake ( $Q_{fc,EAV}$ ) of Final Customers  $fc$  in Customer Segment EAV in the estimated customer portfolio of Network User  $g$ <sup>25</sup> divided by the relevant estimation factor, namely the yearly Indicative Estimation Factor for Customer Segment EAV ( $IEF_{EAV,y}$ ).

$$DC_{m,EAV,g,f} = \frac{\left( \sum_{All\ fc\ of\ g} Q_{fc,EAV} \right) \Big|_{Estim.\ for\ month\ m\ by\ Network\ User}}{IEF_{EAV,y}}$$

The yearly Indicative Estimation Factor for Customer Segment EAV ( $IEF_{EAV,y}$ ), calculated at least annually by May 15 of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1), are obtained by the division of the observed total Yearly Standard Energy Offtake over the period March Y-1 – Feb Y for such Customer Segment, by the Distribution Capacity for the such Customer Segment ( $DC_{h,y,EAV}$ ).

The observed total Yearly Standard Energy Offtake is obtained by averaging over each hours  $h$  over the period March Y-1 – Feb Y the total Yearly Standard Energy Offtake ( $Q_{fc,EAV}$ ) of all Final Customers  $fc$  in Customer Segment EAV over all ARS.

<sup>24</sup> The estimation of such customer portfolio is the responsibility of the Network User.

<sup>25</sup> The estimation of such customer portfolio is the responsibility of the Network User.

$$IEF_{EAV,y} = \frac{\text{average} \left( \sum_{\text{All } fc \text{ of EAV}} Q_{fc,EAV} \right)}{DC_{h,y,EAV}} \Bigg|_{\text{all hours of previous year}}$$

3.7.1.2.3.3 Monthly registered Final Customers MRC (SMR3, EAV, EMV)

For monthly profiled Final Customers, Network Users will be able to estimate the monthly forecasted Distribution Capacity ( $DC_{m,cs,g,t}$ ) for each month of the upcoming Calendar Year, as the sum of the estimated consumption during January of Final Customers  $fc$  in Customer Segment  $cs$  in the estimated customer portfolio of Network User  $g$ <sup>26</sup> divided the yearly Indicative Estimation Factor for MRC Final Customers ( $IEF_{MRC,y}$ ) that applies to that Gas Year.

$$DC_{m,MRC,g,f} = \frac{\left( \sum_{\text{All } fc \text{ of } g} BUJMV_{MRC,fc,g,m} \right)}{IEF_{MRC,y}} \Bigg|_{\text{Estim by Network User}}$$

The yearly Indicative Estimation Factor for Monthly Registered Customer ( $IEF_{MRC,y}$ ), calculated by May of Year Y and applicable for the upcoming Gas Year (Oct Y – Sep Y+1) is obtained by dividing the sum of Bottom-Up January Metering Value ( $BUJMV_{cs,fc,g,February}$ ) for month February with the Distribution Capacity for the Monthly Registered Customers ( $DC_{h,y,MRC}$ ).

$$IEF_{MRC,y} = \frac{\sum_{\text{All } g} \sum_{\text{All } fc \text{ of } MRC} BUJMV_{MRC,fc,g,February}}{DC_{h,y,MRC}}$$

**3.7.1.3 Transitory measures**

In case the implementation date is not on 1 January, transitory measures apply as from the implementation date until the end of the Calendar Year. The need for these transitory measures comes from the lack of Bottom-up January Metering Values for the Calendar Year of the implementation. The transitory measures will therefore replace section 3.7.1.2.2.3.

The Monthly Transmission Services for the MRC Final Customers ( $DC_{m,MRC,g}$ ) are allocated, for each month  $m$  of the rest of the Calendar Year following the implementation date, to the Network User  $g$ , in proportion to the commodity allocations of the monthly registered Final Customers of the S31, S32 and S41 Customer Segments during the months January and February of the considered year for Network User  $g$  ( $XEA'_{h,PMRC,g}$ ) divided by the commodity allocations of the monthly registered customers of the S31, S32 and S41 Customer Segments  $cs$  during the months January and February of the considered year for all Network Users, as allocated by the DSO.

<sup>26</sup> The estimation of such customer portfolio is the responsibility of the Network User.

$$DC_{m,MRC,g} = DC_{h,y,MRC} \times \frac{\sum_{\text{All hours of months January\_February}} XEA'_{h,PMRC,g}}{\sum_{\text{All Grid Users}} \left[ \sum_{\text{All hours of months January\_February}} XEA'_{h,PMRC,g} \right]}$$

The Monthly Transmission Services for the MRC Final Customers ( $DC_{m,MRC,g}$ ) are allocated, for each month  $m$  of the rest of the Calendar Year following the implementation date, to the Network User  $g$  and per ARS, in proportion to the commodity allocations of the monthly registered customers of the S31, S32 and S41 Customer Segments ( $XEA'_{h,PMRC,g,ARS}$ ) during the months January and February of the considered year for Network User  $g$  and ARS divided by the commodity allocations of the monthly registered customers of the S31, S32 and S41 Customer Segments  $cs$  during the months January and February of the considered year for all Network Users, as allocated by the DSO.

$$DC_{m,MRC,g,ARS} = DC_{m,MRC,g} \times \frac{\sum_{\text{All hours of month for the considered ARS and g for months January and February}} [XEA'_{h,PMRC,g,ARS}]}{\sum_{\text{All ARSs and all g}} \left[ \sum_{\text{All hours of months January and February}} [XEA'_{h,PMRC,g,ARS}] \right]}$$

### 3.7.2 Entry Services at Distribution Domestic Points

There is no explicit subscription for Entry Services on the Distribution Domestic Points. The Entry capacity towards Distribution Domestic Points is allocated to the Network Users on a monthly basis.

#### 3.7.2.1 Monthly Allocation of Telemetered Local Producers before implementation date

S30 Local Producers injecting on the Distribution Grid are telemetered by the DSO. For each S30 Local Producer  $pr$ , the Peak Metering Value ( $PMV_{m,pr}$ ) for month  $m$  is determined based on the maximum validated<sup>27</sup> Entry Energy Metering ( $XEM'_{h,pr}$ ) of the last 12 months for the considered Local Producer  $pr$ . Each S30 Local Producer is located at a Distribution Network.

$$PMV_{m,pr,S30} = \max_{\text{last 12 months}} (XEM'_{h,pr,S30})$$

Each S30 Local Producer is linked to one Network User. The sum of Peak Metering Values of the S30 Local Producers in the customer portfolio of a Network User  $g$  for month  $m$  ( $PMV_{m,pr,S30}$ ), gives the Transmission Services allocated to the considered Network User  $g$  ( $IC_{m,S30,g}$ ) for the S30 Local Producer Segment for the considered month  $m$ .

$$IC_{m,S30,g} = \sum_{\text{All } pr \text{ of } g} PMV_{m,pr,S30}$$

#### 3.7.2.2 Monthly allocation of Telemetered Local Producers after implementation date

<sup>27</sup> Validated metered data by DSO when first allocation is sent to the TSO

For telemetered Local Producers after implementation date the indices  $S30$  is replaced by the indices  $AMR$  in the article 3.7.2.1 here above.

### 3.7.3 Services at the Installation Point Loenhout

Transmission Services at the Installation Point Loenhout are allocated by the TSO, in accordance to the Subscribed Storage Services at the Storage Installation of Loenhout:

- The allocated Firm Entry Services from the Installation Point Loenhout are equal to the Subscribed Firm Withdrawal Services.
- The allocated Operational Interruptible Entry Services towards the Installation Point Loenhout are equal to the Subscribed Conditional Withdrawal Services.
- The allocated Firm Exit Services towards the Installation Point Loenhout are equal to the Subscribed Firm Injection Services.
- The allocated Operational Interruptible Exit Services towards the Installation Point Loenhout are equal to the Subscribed Conditional Injection Services.
- In case a Network User has insufficient Entry or Exit Transmission Services in order to have a DAM/NNS quantity at the Storage Installation of Loenhout transmitted to/from the Transmission Grid, the TSO will allocate the corresponding required Firm Entry or Exit Transmission Service to the Network User for the corresponding Gas Day.
- In case additional injection and/or additional Withdrawal services are offered at the Installation Point Loenhout, the corresponding Exit and/or Entry services will be allocated equally in accordance with the nature (Firm or Operational Interruptible) of the additional Storage Services.

### 3.7.4 Services at the Interconnection Point Zeebrugge

Transmission Services at the Interconnection Point Zeebrugge are implicitly allocated on a daily basis by the TSO to the Network User for the Imbalance Transfer Service, insofar required to ensure that Net Confirmed Title Transfer for ZTP Physical Trading Service<sup>28</sup> ( $NCTTP_{h,g}$ ) are automatically transferred to/from the Network User Balancing Position in the BeLux H-Zone. The Imbalance Transfer Service is described in Section 3.8.1 of the ACT - Attachment A.

Transmission Services at the Interconnection Point Zeebrugge are implicitly allocated till the end of the same Gas Day. For every hour, the quantity of implicitly allocated Entry [Exit] Transmission Service at the Interconnection Point Zeebrugge for Network User  $g$  ( $MTR_{ITs_{i\alpha,e,h,g}, [MTR_{ITs_{i\alpha,x,h,g}]}$ ) is calculated as the maximum of:

- The difference between
  - The sum of
    - the Net Confirmed Title Transfer for ZTP Physical Trading Services ( $NCTTP_{h,g}$ ) in case this is a positive [negative] value for Network User  $g$ ;

<sup>28</sup> The Net Confirmed Title Transfer for ZTP Physical Trading Services takes into account with any transfers from one Network User to another in the framework of the Imbalance Pooling Service as described in Attachment A.

- The sum of the hourly Entry [Exit] Energy (last) matched Nomination ( $EEN'_{h,g}$ ,  $XEN'_{h,g}$ ) at IZT, Zeebrugge LNG Terminal and ZPT for Network User g and
  - The sum of
    - The Entry [Exit] Transmission Services of Zeebrugge, IZT, Zeebrugge LNG Terminal and ZPT for Network User g ( $MTSR_{Zeebrugge,h,g} + MTSR_{IZT,h,g} + MTSR_{Zeebrugge\ LNG\ Terminal,h,g} + MTSR_{ZPT,h,g}$ );
    - The Entry [Exit] Transmission Services at Zeebrugge implicitly allocated till the end of the same Gas Day under the Imbalance Transfer Service at Zeebrugge for (a) previous hour(s) of the same Gas Day ( $MTSR_{ITSia,h-n,z,g}$ )
- Zero (0).

$$MTSR_{ITSia,e,h,g} = \max \left[ \text{sum}(NCTTP_{h,e,g} + EEN'_{h,IPs,g}) - (MTSR_{IPs,h,e,g} + MTSR_{ITSia,h-n,e,g}); 0 \right]$$

$$MTSR_{ITSia,x,h,g} = \max \left[ \text{sum}(NCTTP_{h,x,g} + XEN'_{h,IPs,g}) - (MTSR_{IPs,h,x,g} + MTSR_{ITSia,h-n,x,g}); 0 \right]$$

### 3.7.5 Services implicitly allocated through overnomination

Entry [Exit] Interruptible Services are implicitly allocated by Fluxys Belgium to Network User in case of overnomination is being activated for such Connection Point and insofar Network User is requesting Interruptible Services by sending a Nomination<sup>29</sup> which exceed its subscribed Entry [Exit] Transmission Services.

Entry [Exit] Interruptible Transmission Services at the Connection Point are implicitly allocated till the end of the same Gas Day on a First-Committed-First Served basis. For every hour, the quantity of implicitly allocated Entry [Exit] Transmission Service at the Connection Point for Network User g ( $MTSR_{ONia,e,h,g}$ ,  $MTSR_{ONia,x,h,g}$ ) is calculated as the maximum of:

- The difference between
  - The last accepted Nomination of Network User g by the TSO at the Connection Point ( $EEN'_{h,g}$ ,  $XEN'_{h,g}$ )
  - The subscribed Entry [Exit] Transmission Services of Network User g at the Connection Point ( $MTSR_{h,g}$ ) being the sum of all capacity types
- Zero (0).

$$MTSR_{ONia,e,h,g} = \max(EEN'_{h,g} - MTSR_{h,g}; 0)$$

$$MTSR_{ONia,x,h,g} = \max(XEN'_{h,g} - MTSR_{h,g}; 0)$$

## 3.8 Market based processes for network capacity expansion

In accordance with the CAM NC the concerned TSOs on each side of Interconnection Points linking entry-exit Zones shall cooperate in the incremental process, concerning

<sup>29</sup> A Nomination shall at the earliest and within technical and operational limits become effective after the Network User has sent its SDT and after the Applicable Renomination Lead-Time as described in Attachment C.1.

network capacity expansion (additional capacity at existing Interconnection Points or the creation of new Interconnection Points) projects.

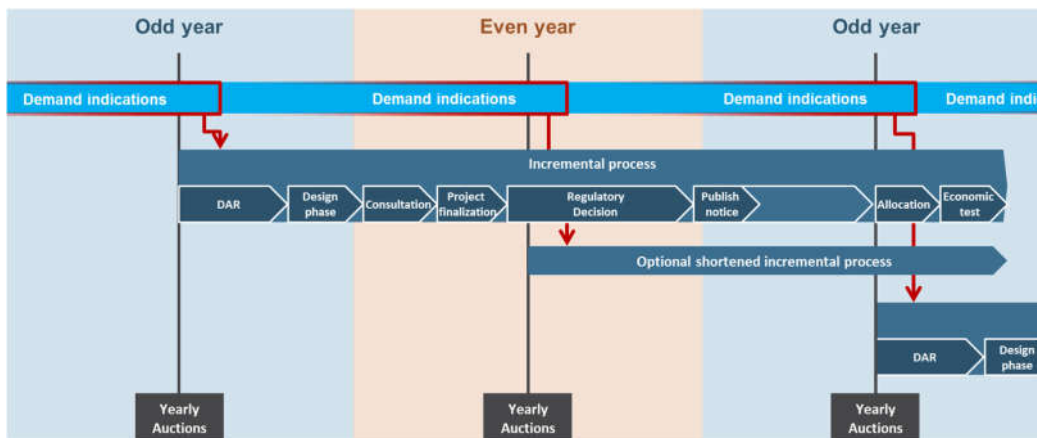
However, for the assessment of incremental or new projects not related to Connection Points in the scope of CAM NC, the open season procedure remains applicable.

### 3.8.1 Incremental process: bundled capacity on Interconnection Points

The incremental process is the market-based process by which finally binding capacity requests are eventually awarded to Network Users prior to the final investment decision (FID) necessary for an investment in a capacity expansion project. The incremental process consists of the following phases:

- Non-binding demand indications, as detailed in section 3.8.1.1;
- Market demand assessment report, as detailed in section 3.8.1.2;
- Design phase, including NRA approval of the project(s), as detailed in section 3.8.1.4;
- Publication of the binding project notice, as detailed in section 3.8.1.5;
- Binding allocation of incremental capacity, as detailed in section 3.8.1.6.

The following diagram illustrates the sequence of these steps:



#### 3.8.1.1 Non-binding demand indications

Parties interested in incremental capacity can submit non-binding demand indications at any time, based on a template published on the Fluxys Belgium website (<http://www.fluxys.com/belgium>). The non-binding demand indications shall contain at least the following information:

- The two or more adjacent entry-exit systems between which demand for incremental capacity – on one or both sides of an interconnection point – is expressed and the requested direction;
- The gas year(s) for which a demand for incremental capacity is expressed;
- The amount of capacity demanded between the respective entry-exit systems;
- Information on non-binding demand indications which were or will be submitted to other transmission system operators, in case such indications are linked to each other, such as demand for capacities at several related interconnection points;

- v. Whether the demand expressed is subject to any of conditions;
- vi. Contact details for the requesting party.

### 3.8.1.2 Demand Assessment Report (“DAR”)

In at least each odd-numbered year and no later than 16 weeks after the start of the annual yearly auctions, common market Demand Assessment Reports, produced by Fluxys Belgium in cooperation with the adjacent TSO's, shall be published on <http://www.fluxys.com/belgium> and the ENTSOG website. The demand assessment reports, each covering all Interconnection Points of at least one entry-exit system border shall include amongst others:

- i. Aggregation of non-binding indications received;
- ii. Assessment of the expected demand for incremental capacity on this border;
- iii. Conclusion on whether an incremental capacity project is initiated through the start of the design phase.

The TSOs shall consider non-binding demand indications submitted no later than 8 weeks after the start of the annual yearly auction in the ongoing market demand assessment. For non-binding demand indications received after this deadline, the TSOs may consider them in the ongoing market demand assessment or introduce them in the next market demand assessment. In exceptional circumstances and if demand for incremental capacity is expressed by Network Users no later than 8 weeks after the yearly auction in even-numbered years, the concerned TSOs may agree to conduct a market demand assessment also in even-numbered years.

### 3.8.1.3 Design phase

In case a Demand Assessment Report identifies the need for incremental capacity project(s), the design phase shall start and the respective TSO's shall jointly develop a proposal. No later than 12 weeks after the start of the design phase, the TSO's shall conduct a joint public consultation on the project proposal for a period of one to two months. The proposal will eventually consist of several alternatives to respond to different market demand scenarios. Those alternatives will translate in several offer levels, each characterized by a given amount of capacity being made available and associated conditions (including costs, tariffs and contractual).

The consultation shall at least cover as<sup>30</sup>:

- i. A description of the incremental capacity project, including a cost estimate;
- ii. The coordinated offer levels at the relevant Interconnection Point;
- iii. The proposed allocation mechanism;
- iv. Provisional timelines of the incremental capacity project;
- v. The specific terms and conditions that would apply to that capacity, if any;
- vi. The indicative tariff applicable to the capacity;
- vii. Expected (future) utilisation of the incremental capacity;
- viii. Estimated impact on utilisation of other existing gas infrastructure.

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<sup>30</sup> As described in Article 27 of CAM NC.



#### **3.8.1.4 NRA Approval**

After the consultation, the TSO's have 3 months to finalize the project proposal, taking stakeholders' comments into consideration, and submit the complete project proposal for approval to the relevant national regulatory authorities. Within 6 month of receipt of the complete project proposal, those relevant national regulatory authorities shall publish a coordinated decision on the project proposal.

#### **3.8.1.5 Binding Notice Publication**

Based upon a positive decision from the relevant national regulatory authorities, the TSOs will then jointly proceed to a binding allocation phase. To that end, an information memorandum will be published on the Fluxys Belgium website and sent to all Network Users, describing the offer levels and associated conditions on which Network Users will be invited to submit binding capacity bids/requests.

#### **3.8.1.6 Allocation of incremental capacity**

The project proposal shall state the proposed capacity allocation mechanism. The mechanism and rules for allocation will be subject to the approval of the relevant national regulatory authorities as detailed in section 3.8.1.4, and will have to be in line with articles 29 and 30 of CAM NC.

The results of the allocation will be used as an input for the economic test, which aim is to verify whether the value of binding commitment allocated sufficiently covers the projected costs of the project, or at least a fraction of it, as approved by the relevant national regulatory authorities. If the economic test is successful, the capacity is allocated and confirmed to the concerned Gird Users, and incremental process stops. In case the economic test is unsuccessful, the incremental process can be stopped without allocation of capacity.

### **3.8.2 Open Season Procedure**

An open season is organized in the following steps

#### **3.8.2.1 Information memorandum**

An information memorandum is published on the website and sent to all Network Users, and contains the following information:

- i. the envisaged investment project;
- ii. the envisaged milestones and deadlines of the project;
- iii. the methodology for the determination of the capacity type, the duration and the indicative quantity of the offered Transmission Services;
- iv. the methodology for the allocation of the capacity created by the envisaged investment project by the TSO;
- v. the applicable selection criteria in case demand exceeds supply for the Transmission Services
- vi. the forms by which Transmission Services can be requested and by which the TSO can confirm Transmission Services in the framework of this open season.

#### **3.8.2.2 Non-binding requests:**

- i. In case a party wants to participate to the open season, the confidentiality agreement has to be signed and the quantities and Transmission Services the

party is interested in have to be indicated in a non-binding request before closure of the deadline specified in the information memorandum;

- ii. The TSO gathers all non-binding requests and adjusts the envisaged investment project if required;
- iii. Parties showing interest to subscribe to Transmission Services in the framework of an open season procedure sign a letter of intent, before closure of deadline specified in the information memorandum;

### 3.8.2.3 Binding commitments:

- i. Parties wanting to subscribe to Transmission Services and complying with the selection criteria as indicated in the information memorandum, should register as a Network User before closure of the specified deadline;
- ii. In order to subscribe to Transmission Services in the framework of an open season, the Network User sends a Service Request using the request form as specified in the information memorandum.
- iii. The TSO sends a Service Confirmation using the form as specified in the information memorandum and asks the Network User to countersign this form before closure of the specified deadline.

## 4 Secondary Market

### 4.1 General rules for the Secondary Market

The following conditions apply to trading of Transmission Services on the Secondary Market:

- in order to sell Transmission Services on the Secondary Market, a party must be a Network User<sup>31</sup>;
- all Transmission Services subscribed on the Primary Market or traded on the Secondary Market can be (re-)traded on the Secondary Market;
- a trade of Transmission Services on the Secondary Market takes place by an assignment and must either entail the transfer of all rights and obligations associated therewith (full assignment) or a transfer of all rights and obligations except for the payment obligation of the Monthly Capacity Fee and the Monthly Variable Flex Fee (assignment with retained payment obligation);
- the nature of Transmission Services is not impacted by trading on the Secondary Market (e.g. a Firm Transmission Service subscribed on the Primary Market must remain a Firm Transmission Service of the Secondary Market);
- bundled Transmission Services, acquired as part of a bundled product, must be sold as a bundle since bundled products should remain bundled and cannot be sold separately;
- Cross Border Delivery Service and its associated Entry, Exit or OCUC Services must be sold together;
- the minimum period for a trade of a Transmission Service is one (1) Gas Day;

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<sup>31</sup> The TSO can also buy Transmission Services on the Secondary Market, for example in the framework of the buy-back procedure as Congestion Management

- the maximum period for a trade of a Transmission Service is limited to the end of the Service Period of the considered Transmission Service;

Network Users can also trade capacity on the Secondary Market Platform PRISMA. As an exception, short haul Services on the Secondary Market can only be requested via written procedures. In order to be able to trade products on PRISMA, the Network User shall:

- Accept the standard PRISMA GTC's with the operator of PRISMA, which are available on PRISMA website [www.prisma-capacity.eu](http://www.prisma-capacity.eu);
- have a valid Standard Transmission Agreement in force with the TSO.

## 4.2 Secondary Market Procedures

### 4.2.1 Over-the-counter assignments in written

If parties wish to trade Transmission Services directly amongst one another on the Secondary Market, the following procedure applies, both in case of full assignment, as in assignment with retained payment obligation:

1. The assignor and assignee mutually agree upon the assignment of Transmission Services on the Secondary Market;
2. The assignor or assignee notifies the Transmission System Operator in written (letter, fax, or e-mail) of the Transmission Services that are to be assigned from the assignor to the assignee, using an Assignment Form as published on the Fluxys Belgium website duly signed by both parties, specifying amongst others quantity, period, price and details on Transmission Service. Such assignment of Transmission Services can start at the earliest as from 2 entire Business Days after such notification;
3. In case the Assignment Form is incomplete, the Transmission System Operator asks to complete the Assignment Form;
4. In case the Assignment Form is complete, the Transmission System Operator registers the Assignment and sends the countersigned Assignment Form to Assignor and Assignee as published on the Fluxys Belgium website:
  - within 2 Business Days after receipt of the complete Assignment Form, in case the requested Start Date is within 5 Business Days or less;
  - within 5 Business Days after receipt of the complete Assignment Form, in case the requested Start Date is later than within 5 Business Days.
5. The TSO publishes amongst others the quantity, the period, the details of the Transmission Services and the price.

### 4.2.2 Over-the-counter assignments via PRISMA

The TSO enables parties to notify an over-the-counter assignment through the PRISMA Secondary Market Platform. The procedure is the following both in case of full assignment, as in assignment with retained payment obligation:

1. The assignor and assignee mutually agree upon the assignment of Transmission Services on the Secondary Market;
2. The assignor or assignee enters the assignment on the PRISMA Secondary Market Platform, specifying amongst others the quantity, period, details on Transmission Service, and the price that is due to the assignor by the assignee;

3. The other party (assignee or assignor) confirms the assignment that was registered by the first party (assignor or assignee) in the PRISMA Secondary Market Platform. Such assignment of Transmission Services can start at the earliest as from 12 entire Business Days after such confirmation;
4. the TSO checks and registers the assignment;
5. assignor and assignee are notified by the TSO via the PRISMA Secondary Market Platform that the assignment was registered;
6. The TSO publishes amongst others the quantity, the period, the details of the Transmission Services and the price.

#### 4.2.3 Anonymous assignments via PRISMA

The TSO organizes the Secondary Market such that a Network User has the possibility to propose Transmission Services he wishes to trade (i.e. buy or sell) on the Secondary Market and allows interested Network Users to respond to this proposal. The procedure is the following both in case of full assignment, as in assignment with retained payment obligation:

1. a party enters an proposal (either for sale or purchase) and specifies quantity, period, details on the Transmission Service and the proposed price that would be due to the assignor by the assignee on the PRISMA Secondary Market Platform;
2. another party responds to the proposal on the PRISMA Secondary Market Platform and specifies quantity, period and, if applicable, also details on the Transmission Service and possibly another proposed price that would be due to the assignor by the assignee.;
3. a deal is concluded once both parties agree on all aspects of the trade: quantity, period, details on the Transmission Service and the price due to the assignor by the assignee. Note that an assignment of Transmission Services can start at the earliest as from 12 entire Business Days after such confirmation;
4. the TSO checks and registers the assignment;
5. assignor and assignee are notified by the TSO via the PRISMA Secondary Market Platform that the assignment was registered;
6. The TSO publishes amongst others the quantity, the period, the details of the Transmission Services and the price.