



BALANCING CODE IN THE BELUX AREA

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1. Interpretation of Balancing Code in the BeLux Area

In this document:

- all references to a *clause*, unless specified otherwise, are references to a *clause* in this document; references to a *paragraph* are references to a *paragraph* in this document;
- all terms and names are to be interpreted according to the list of definitions in the Balancing Agreement;
- the layout, heading and table of contents are only for the benefit of the reader and are inconsequential as regards the interpretation of content of this document;

2. Definitions

Unless the context requires otherwise, the definitions set out in the Balancing Agreement apply to this document. Capitalized words and expressions used in this document which are not defined in the Balancing Agreement shall have the following meaning:

2.1. Naming conventions

The variables and parameters used in this document are named according to the following naming conventions, unless indicated otherwise:

- indices to *sum* function (e.g. $\sum_{indice} variable_i$), *max* and *min* functions :
 - d = sum of values per hour of Gas Day d
 - (*all*) *Grid Users* = sum of values for all Grid Users
- indices : h = hourly; d = daily
- indices : f = forecast; r = real (actual)
- indice : TSO = Transmission System Operator
- prefix (tariffs) : T = Regulated Tariff
- suffix * = before settlement; no suffix means after settlement
- prefix : E = Excess or Exceeding; S = Shortfall
- indices (Point): z = Zone
- indices (Grid User): g = Grid User.

2.2. List of definitions

The variables and parameters used in this Agreement are listed hereunder:

Administration Setup

Set of tasks relating to the creation, modification or deletion of Users of the Electronic Data Platform of Balancing Operator linked to a Grid User and the allocation of access rights to these Users in accordance with section 5.2.1

Balancing Physical Transaction

~~Gas sale or purchase transaction between Balancing Operator and Grid User in accordance with section 3.4.~~

EBP_{d,z}

Excess Balancing Price ($EBP_{d,z}$) – daily value per Zone; the lowest price of any sales in which the Balancing Operator is involved in respect of the Gas Day; for the considered Zone z; expressed in €/kWh.

In case the Balancing Operator has not been able to totally or partially sell the Natural Gas compensating for the considered Market Excess ($ME_{d,z}$) in L-Zone, it will do so in the H-zone. In case of a quantity sold in H-Zone for compensating a Market Excess ($ME_{d,z}$) in the L-Zone, the price at which the Balancing Operator has sold the gas in the H-Zone in respect of the Gas Day will be decreased with a corresponding conversion fee in accordance with the applicable regulated tariff for a daily Firm Peak Load Gas Quality Conversion Service L→H offered by Fluxys Belgium, corresponding to the Firm capacity needed to convert such quantity in one hour.

EBP_{h,z}

Excess Balancing Price ($EBP_{h,z}$) – hourly value per Zone; the lowest price of any sales in which the Balancing Operator is involved in respect of the gas hour ; for the considered Zone z; expressed in €/kWh.

In case the Balancing Operator has not been able to totally or partially sell the Natural Gas compensating for the considered Market Excess ($ME_{h,z}$) in L-Zone, it will do so in the H-zone. In case of a quantity sold in H-Zone for compensating a Market Excess ($ME_{h,z}$) in the L-Zone, the price at which the Balancing Operator has sold the gas in the H-Zone will be decreased with a corresponding conversion fee in accordance with the applicable regulated tariff for a daily Firm Peak Load Gas Quality Conversion Service L->H, corresponding to the Firm capacity needed to convert such quantity in one hour.

$EBSP_{d,z}$	Excess Balancing Settlement Price ($EBSP_{d,z}$) – daily value per Zone; determined in accordance with 3.2.7 and 3.2.8; expressed in €/kWh. The Excess Balancing Settlement Price ($EBSP_{d,z}$) will be published for each end-of-day Market Excess/Shortfall <u>Gas Day</u> on the Electronic Data Platform of the Balancing Operator.
$EBSP_{h,z}$	Excess Balancing Settlement Price ($EBSP_{h,z}$) – hourly value per Zone; determined in accordance with 3.2.3; expressed in €/kWh. The Excess Balancing Settlement Price ($EBSP_{h,z}$) will be published for each within-day Market Excess on the Electronic Data Platform of the Balancing Operator.
$ECG_{h,z}$	Excess Causing Grid Users – hourly list of Grid Users causing the Market Excess for the considered hour h , for the considered Zone z , as set out in 3.2.3

Electronic Data Platform

The internet application offered by Balancing Operator to the Grid User on which Balancing Operator shall give access to both public and private data.

$GBP^*_{d,z,g}$	Grid User Balancing Position before balancing settlement End-of-Day hourly value per Grid User per Zone, for the last hour of the considered Gas Day d , expressed in kWh, based on Provisional data, as provided for in section 3.2.6.
$GBP_{d,z,g}$	Grid User Balancing Position after balancing settlement End-of-Day hourly value per Grid User per Zone, for the last hour of the considered Gas Day d , expressed in kWh, based on Provisional data, as provided for in section 3.2.9.
$GBP^*_{h,z,g}$	Grid User Balancing Position before balancing settlement hourly value per Grid User per Zone, expressed in kWh, based on Provisional data, as provided for in section 3.2.2.
$GBP_{h,z,g}$	Grid User Balancing Position after balancing settlement – hourly value per Grid User per Zone, expressed in kWh, based on Provisional data, as provided for in section 3.2.5.
$GE_{d,z,g}$	Grid User Excess End-of-Day hourly value per Grid User per Zone, for the last hour of the considered Gas Day d , based on Provisional data, expressed in kWh, as provided for in section 3.2.6.
$GE_{h,z,g}$	Grid User Excess hourly value per Grid User and per Zone, based on Provisional data, expressed in kWh, as provided for in section 3.2.3.

$GEBS_{d,z,g}$	Grid User Excess Balancing Settlement – End-of-Day value per Grid User and per Zone, based on Provisional data, expressed in €; as provided for in sections 3.2.7 and 3.2.8.
$GEBS_{h,z,g}$	Grid User Excess Balancing Settlement – hourly value per Grid User and per Zone, based on Provisional data, expressed in €; as provided for in section 3.2.3.
GP_d	<p>Gas Price – reference price for Gas Day d – daily value; expressed in €/kWh. The reference is the ZTP Day Ahead price, as published by ICE Endex. In case no ZTP Day Ahead price has been published for Gas Day d, the ZTP Day Ahead price of the previous Gas Day will be applicable.</p> <p><u>Gas Price – reference price for Gas Day d – daily value; expressed in €/kWh. Balancing Operator will publish on its website the currently applicable price reference together with the list of previous used references with their associated validity period. Such applicable ZTP price reference can change over time, subject to a notification by Balancing Operator to the market with pre-notice period of at least 1 month.</u></p>
<i>Grid User Account <u>Balancing</u> Position Form</i>	Set of information communicated by Balancing Operator to Grid User in accordance with 3.3.2.
$GS_{d,z,g}$	Grid User Shortfall End-of-Day hourly value per Grid User and per Zone, for the last hour of the considered Gas Day d , based on Provisional data, expressed in kWh, as provided for in section 3.2.6.
$GS_{h,z,g}$	Grid User Shortfall hourly value per Grid User and per Zone, based on Provisional data, expressed in kWh, as provided for in section 3.2.4.
$GSBS_{d,z,g}$	Grid User Shortfall Balancing Settlement – End-of-Day value per Grid User and per Zone, based on Provisional data, expressed in €, as provided for in sections 3.2.7 and 3.2.8.
$GSBS_{h,z,g}$	Grid User Shortfall Balancing Settlement – hourly value per Grid User and per Zone, based on Provisional data, expressed in €, as provided for in section 3.2.4.
h	Hour – Period of 60 minutes, beginning at a full hour and ending at the next succeeding full hour, and identified by the beginning as herein defined.

$I_{h,z,TSO,g}$ Grid User Imbalance by TSO: hourly value in kWh per Zone, per TSO and per Grid User; based on Provisional data; sent by the TSO's of the BeLux Area to the Balancing Operator as provided for in section 3.2.2

Imbalance Pooling Service

Service offered by the Balancing Operator in accordance with section 3.1.

Imbalance Transferee

Grid User to which the hourly imbalance (based on provisional allocation), per Zone, of the Imbalance Transferor is transferred in accordance with the Imbalance Pooling Service.

Imbalance Transferor

Grid User from which the hourly imbalance (based on provisional allocation), per Zone, is transferred to the Imbalance Transferee in accordance with the Imbalance Pooling Service.

$IPT_{h,z,g}$ Imbalance Pooling Transfer – hourly value per Zone and per Grid User. Expressed in kWh; as provided in section 3.1.

$MBP_{d,z}$ Market Balancing Position after balancing settlement – End-of-Day hourly value per Zone for the last hour of the considered Gas Day; expressed in kWh; as provided for in section 3.2.9.

$MBP^*_{d,z}$ Market Balancing Position before balancing settlement – End-of-Day hourly value per Zone, for the last hour of the considered Gas Day; expressed in kWh; as provided for in section 3.2.6.

$MBP_{h,z}$ Market Balancing Position after balancing settlement – hourly value per Zone; expressed in kWh; as provided for in section 3.2.5.

$MBP^*_{h,z}$ Market Balancing Position before balancing settlement – hourly value per Zone; expressed in kWh; as provided for in section 3.2.2.

$ME_{d,z}$ Market Excess – End-of-Day hourly value per Zone for the last hour of the considered Gas Day; based on Provisional data, expressed in kWh, positive value; as provided for in section 3.2.6.

$ME_{h,z}$ Market Excess – hourly value per Zone; based on Provisional data, expressed in kWh; as provided for in section 3.2.3.

$MS_{d,z}$	Market Shortfall – End-of-Day hourly value per Zone for the last hour of the considered Gas Day, based on Provisional data; expressed in kWh; as provided for in section 3.2.6.
$MS_{h,z}$	Market Shortfall – hourly value per Zone, based on Provisional data; expressed in kWh, positive value; as provided for in section 3.2.4.
$MT^+_{h,z}$	Market Threshold – upper limit – hourly value per Zone, as provided for in section 3.2.1.
$MT^-_{h,z}$	Market Threshold – lower limit – hourly value per Zone, as provided for in section 3.2.1.
$NCTT_{h,z,g}$	Net Confirmed Title Transfers – hourly value based on Provisional data per Zone per Grid User, as confirmed by Hub Operator to the Balancing Operator and relating to Notional Trading Services, expressed in kWh, positive values indicate net purchases, negative values indicate net sales, as provided for in section 3.1.
$RMLS_{h,z}$	Rounding Minimum Lot Size – hourly value per Zone, as provided for in section 3.2.
SA_{causer}	Small Adjustment for causer – percentage defined in the Regulated Tariffs which are approved by HLR and CREG <u>the Competent Regulators</u> and to be applied to the Gas Price (GP_d) in case, when a within-day/end-of-day balancing settlement occurs, the Grid User Balancing Position (respectively $GBP^*_{h,z,g}$ or $GBP^*_{d,z,g}$) is in the same direction as the Market Balancing Position (respectively $MBP^*_{h,z}$ or $MBP^*_{d,z}$) in accordance with section 3.2
SA_{helper}	Small Adjustment for helper – percentage defined in the Regulated Tariffs which are approved by HLR and CREG <u>the Competent Regulators</u> and to be applied to the Gas Price (GP_d) in case, when a within-day/end-of-day balancing settlement occurs, the Grid User Balancing Position (respectively $GBP^*_{h,z,g}$ or $GBP^*_{d,z,g}$) is in the opposite direction as the Market Balancing Position (respectively $MBP^*_{h,z}$ or $MBP^*_{d,z}$) in accordance with section 3.2
$SBP_{d,z}$	Shortfall Balancing Price ($SBP_{d,z}$) – daily value per Zone; the highest price of any purchases in which the Balancing Operator is involved in respect of the Gas Day ; for the considered Zone z; expressed in €/kWh.

In case the Balancing Operator has not been able to totally or partially buy the Natural Gas compensating for the considered Market Shortfall ($MS_{d,z}$) in L-Zone, it will do so in the H-zone. In case of a quantity bought in H-Zone for compensating a Market Shortfall ($MS_{d,z}$) in L-Zone, the price at which the Balancing Operator has bought the gas in the H-Zone in respect of the Gas Day will be increased with a corresponding conversion fee in accordance with the applicable Regulated Tariff for a daily Firm Peak Load Gas Quality Conversion Service H->L, corresponding to the firm capacity needed to convert such quantity in one hour and related Peak Load Quality Conversion commodity fee.

$SBP_{h,z}$ Shortfall Balancing Price ($SBP_{h,z}$) – hourly value per Zone; the highest price of any purchases in which the Balancing Operator is involved in respect of the gas hour ; for the considered Zone z; expressed in €/kWh.

In case the Balancing Operator has not been able to totally or partially buy the Natural Gas compensating for the considered Market Shortfall ($MS_{h,z}$) in L-Zone, it will do so in the H-zone. In case of a quantity bought in H-Zone for compensating a Market Shortfall ($MS_{h,z}$) in L-Zone, the price at which the Balancing Operator has bought the gas in the H-Zone in respect of the Gas Day will be increased with a corresponding conversion fee in accordance with the applicable regulated tariff for a daily Firm Peak Load Gas Quality Conversion Service H->L offered by Fluxys Belgium, corresponding to the firm capacity needed to convert such quantity in one hour and related Peak Load Quality Conversion commodity fee.

$SBSP_{d,z}$ Shortfall Balancing Settlement Price ($SBSP_{d,z}$) – daily value per Zone; determined in accordance with 3.2.7 and 3.2.8; expressed in €/kWh. The Shortfall Balancing Settlement Price ($SBSP_{d,z}$) will be published for each ~~end-of-day Market Excess/Shortfall~~Gas Day on the Electronic Data Platform of the Balancing Operator.

$SBSP_{h,z}$ Shortfall Balancing Settlement Price ($SBSP_{h,z}$) – hourly value per Zone; determined in accordance with 3.2.4; expressed in €/kWh. The Shortfall Balancing Settlement Price ($SBSP_{h,z}$) will be published for each within-day Market Shortfall on the Electronic Data Platform of the Balancing Operator.

$SCG_{h,z}$ Shortfall Causing Grid Users – hourly list of Grid Users causing to the Market Shortfall for the considered hour h , for the considered Zone z , as set out in section 3.2.4.

Single Point of Contact or SPOC

Grid User Representative appointed by the Grid User according to procedures set forth in the Balancing Agreement who shall be the contact person between the Grid User and the Balancing Operator and who is entitled to do the Administration Setup, in accordance with section 5.2.1.

<i>User</i>	A physical person who represents a Grid User and who has access to private data, in accordance with section 5.2.
<i>Working Hours</i>	From Monday to Friday between 9 am and 6 pm Belgian Local Time, except during bank holidays in Belgium or the Balancing Operator's general holiday schedule

3. Balancing

The BeLux Area consists of two balancing Zones, the H-zone and the L-zone. For each Zone in which the Grid User is active, the Grid User will receive from the Balancing Operator its Grid User Balancing Position and the Market Balancing Position.

During the Gas Day and in case the Market Balancing Position is out of the limits defined in section 3.2.1, the Balancing Operator will apply the required Within-Day balancing settlements.

End-of-Day, each Grid User Balancing Position and the Market Balancing Position are settled to zero by an End-of-Day balancing settlement.

Balancing settlements are operated by the Balancing Operator, based on Provisional Data. Any difference between the Provisional Data and the final data will be handled between the Grid User and the concerned TSO of the BeLux area in accordance with the Contrat Cadre Fournisseur or the Standard Transmission Agreement applicable in Luxembourg and in Belgium respectively.

The quantity to be settled by a Within-Day Balancing Settlement for a Grid User ($GE_{h,z,g}$, $GS_{h,z,g}$), for an hour h not being the last hour of the considered Gas Day depends on:

- the Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$);
- the Market Balancing Position before balancing settlement ($MBP^*_{h,z}$) versus the Market Threshold ($MT^+_{h,z}$, $MT^-_{h,z}$);
- the proportion of the Grid User Balancing Position before the balancing settlement ($GBP^*_{h,z,g}$) in the sum of the Excess Causing Grid Users or Shortfall Causing Grid Users, as the case may be;

End-of-Day, each Grid User Balancing Position and the Market Balancing Position are settled to zero. The quantity to be settled by an End-of-Day balancing settlement

for a Grid User (End-of-Day Grid User Excess: $GE_{d,z,g}$, or End-of-Day Grid User Shortfall: $GS_{d,z,g}$) depends on:

- the Grid User Balancing Position before balancing settlement of the last hour of the Gas Day ($GBP^*_{d,z,g}$).

Conform to the Balancing Network Code, Balancing shall be neutral i.e. the Balancing Operator shall not gain or lose money via its balancing activities. When applicable, Balancing Operator will invoice the Neutrality Charge in accordance with Regulated Tariffs.

3.1. Imbalance Pooling Service

The Imbalance Pooling Service enables Grid Users to transfer, per Zone, the hourly imbalance (based on provisional allocation) from the Imbalance Transferor to the Imbalance Transferee.

The transferred quantity (Imbalance Pooling Transfer $IPT_{h,z,g}$) is so that the Grid User Balancing Position before settlement ($GBP^*_{h,z,g}$ or $GBP^*_{d,z,g}$) of the Transferor is equal to zero:

- the Imbalance Transferor shall authorise that its (whole) hourly imbalance being positive as well as negative shall be transferred to the Imbalance Transferee, as provided for in Section 3.2.23-2-25-3-2;
- the Imbalance Transferee shall authorise that the (whole) hourly imbalance of the Imbalance Transferor, if any, being positive as well as negative shall be taken into account for the calculation its Grid User Balancing Position before settlement ($GBP^*_{h,z,g}$), as provided for in Section 3.2.23-2-25-3-2;
- the transfer will be performed by the Balancing Operator and will result in an implicit Nomination on the ZTP and will be accounted for as transaction for both parties in accordance with STA. Balancing Operator will provide Fluxys Belgium the necessary information in that purpose;
- a Grid User can only perform the role of either Imbalance Transferor or Imbalance Transferee;
- as an Imbalance Transferee a Grid User can enter into several Imbalance Pooling Services with more than one Imbalance Transferor;
- for the avoidance of doubt, the Imbalance Transferor remains liable vis-à-vis the TSOs for any Allocation Settlements in accordance with CCF and/or STA when applicable.

The Imbalance Pooling Service can be subscribed via service request for the Imbalance Pooling Service in written (letter, fax, or e-mail) to the Balancing Operator by means of the appropriate service request form (see annex of this document). The Imbalance Pooling service request form contains the different roles of Grid Users in

the Imbalance Pooling Service (Grid User designated as Imbalance Transferor and as Imbalance Transferee), and the Service Period (Service Start Date and Service End Date) of the Imbalance Pooling Service.

In case the Imbalance Pooling Service Request is incomplete, the Grid User is invited to complete the Imbalance Pooling service request. Balancing Operator informs (both) Grid User(s):

- within 2 working days after receipt of the Imbalance Pooling service request, in case the requested Start Date is within 5 working days or less;
- within 5 working days after receipt of the Imbalance Pooling service request, in case the requested Start Date is later than within 5 working days.

If the Service Request was complete, Balancing Operator confirms by registered mail to both Grid Users that the service has been registered:

- within 2 working days after receipt of the complete service request, in case the requested Start Date is within 5 working days or less;
- within 5 working days after receipt of the complete service request, in case the requested Start Date is later than within 5 working days.

~~3.1. Consideration of Net Confirmed Title Transfers into Grid User Balancing Position~~

~~The access to the Notional Trading Services on is subject to the confirmation by the Balancing Operator to the Hub Operator that the Grid User has a valid signed Balancing Agreement in force.~~

~~The Hub Operator notifies the Balancing Operator at least on an hourly basis of the net confirmed title transfers for Notional Trading Services of the Grid User (Net Confirmed Title Transfers for hour h, Grid User – $NCTT_{h,z,g}$).~~

~~The Balancing Operator takes, for each hour, Net Confirmed Title Transfers for Notional Trading Services into account for determining the Grid User Balancing Position ($GBP_{h,z,g}$) of the Grid User on the related Zone, as set out in section 3.2.2. Purchases are added as positive values to the Grid User Balancing Position, whereas sales are added as negative values to the Grid User Balancing Position.~~

3.2. Balancing settlements

3.2.1. Market Threshold ($MT^+_{h,z}$; $MT_{h,z}$)

The table below shows the default Market Threshold values for each period of the year, for the H Zone.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
$MT_{h,H\ zone}^+$	22 GWh	22 GWh	22 GWh	25 GWh	29 GWh	29 GWh	30 GWh	30 GWh	29 GWh	25 GWh	22 GWh	22 GWh
$MT_{h,H\ zone}^-$	-22 GWh	-22 GWh	-22 GWh	-25 GWh	-29 GWh	-29 GWh	-30 GWh	-30 GWh	-29 GWh	-25 GWh	-22 GWh	-22 GWh

The table below shows the default Market Threshold values for each period of the year, for the L Zone.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
$MT_{h,L\ zone}^+$	13 GWh	13 GWh	13 GWh	13 GWh	15 GWh	15 GWh	16 GWh	16 GWh	15 GWh	13 GWh	13 GWh	13 GWh
$MT_{h,L\ zone}^-$	-13 GWh	-13 GWh	-13 GWh	-13 GWh	-15 GWh	-15 GWh	-16 GWh	-16 GWh	-15 GWh	-13 GWh	-13 GWh	-13 GWh

Any structural revision of these Market Thresholds, based on evolved flexibility requirements of the market in Luxembourg and in Belgium shall be evaluated, for the H Zone, together with ILR and CREG, and for the L Zone together with CREG and announced in due time on the website and on the Electronic Data Platform of the Balancing Operator.

The Balancing Operator has the right to temporarily modify, at any time and upon request of the TSO's of the BeLux area which are acting in accordance with the standards of a Prudent and Reasonable Operator, the effective values of the Market Thresholds. In case of modification of the effective value of the Market Threshold(s), Balancing Operator shall use its reasonable endeavors to give timely notice to inform Grid User about the new effective values of the Market Threshold(s). The effective value of the Market Threshold(s) shall be communicated through the Grid User's Account Position Form as described in article 3.3.2.

3.2.2. *Within-Day balancing position before balancing settlement*

The Grid User starts the Gas Day with a Grid User Balancing Position which is equal to zero.

In order to determine the Grid User Balancing Position before balancing settlement, Balancing Operator receives information from the TSOs of the BeLux Area by Grid User g , for each Zone z and for each hour h :

- For the H_{--} -Zone, the Balancing Operator will receive, a Grid User Imbalance by TSO ($I_{h,H,TSO,g}$) from CREOS and from Fluxys Belgium, for each Grid User active on their respective H-grid ~~and a Net Confirmed Title Transfers $NCTT_{h,H,g}$ from the Hub Operator.~~

- For the L-Zone, the Balancing Operator will receive, a Grid User Imbalance by TSO ($I_{h,L,TSO,g}$) from Fluxys Belgium for each Grid User active on Fluxys Belgium's L-Grid ~~and a Net Confirmed Title Transfers $NCTT_{h,L,g}$ from the Hub Operator.~~

Grid User Imbalance by TSO ($I_{h,z,TSO,g}$) is calculated by Creos Luxembourg and Fluxys Belgium in accordance with procedure described in the Attachment C_{Lux} of the CREOS Access Code and in the STA respectively.

The Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$) for an hour h for a Zone z and for Grid User g is calculated by adding the Grid User Balancing Position after balancing settlement of the previous hour ($GBP_{h-1,z,g}$) ~~to~~ the sum of the Grid User Imbalance by TSO ($I_{h,z,TSO,g}$) and the Imbalance Pooling Transfer ($IPT_{h,z,g}$) (as Imbalance Transferee or Imbalance Transferor) under the Imbalance Pooling Service, if applicable ~~$NCTT_{h,z,g}$~~ :

$$GBP^*_{h,z,g} = GBP_{h-1,z,g} + \sum_{allTSOs} I_{h,z,TSO,g} + IPT_{h,z,g}$$

Where $IPT_{h,z,g}$ meaning the Imbalance Pooling Transfer of

- the Imbalance Transferor for which the Imbalance Transferor has an Imbalance Pooling Service in place; or
- the Imbalance Transferee being the sum of the Imbalance Pooling Transfers of all Imbalance Transferors for whom the Imbalance Transferee has an Imbalance Pooling Service in place.

Such Grid User Balancing Position before balancing settlement is communicated to the Grid User as described in section 3.3.

The Market Balancing Position before balancing settlement ($MBP^*_{h,z}$) for an hour h for a Zone z is calculated by taking the sum of the Grid User Balancing Position before balancing settlement ($GBP^*_{h,z}$) of all Grid Users for the considered hour and Zone:

$$MBP^*_{h,z} = \sum_{allGridUsers} GBP^*_{h,z,g}$$

Such Market Balancing Position is communicated to the Grid User as set out in section 3.3.

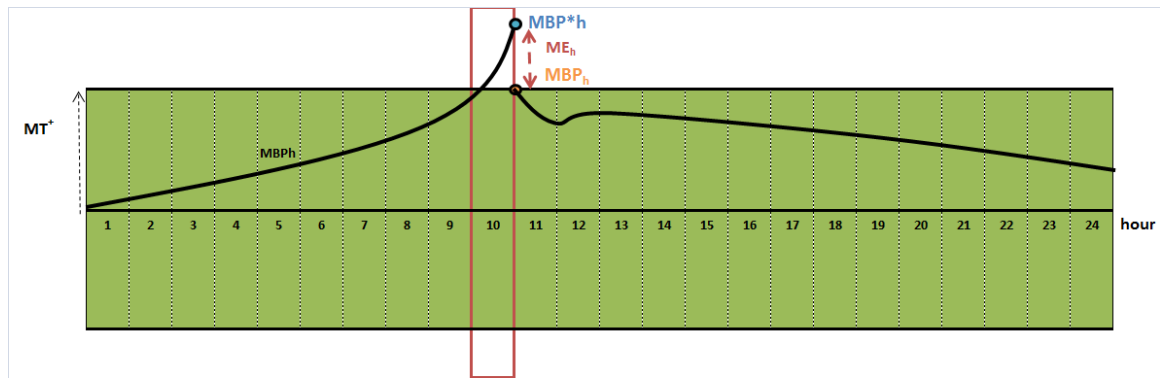
3.2.3. Within-Day Market Excess

In case the Market Balancing Position before balancing settlement ($MBP^*_{h,z}$) for an hour h not being the last hour of the Gas Day exceeds the upper Market Threshold ($MT^+_{h,z}$), there is a Market Excess ($ME_{h,z}$), which is calculated as the difference

between the Market Balancing Position before balancing settlement ($MBP^*_{h,z}$) and the upper Market Threshold ($MT^+_{h,z}$):

$$ME_{h,z} = \max \left[\left[\frac{MBP^*_{h,z} - MT^+_{h,z}}{RMLS_{h,z}} \right] * RMLS_{h,z}; 0 \right]$$

Market Excess ($ME_{h,z}$) is rounded up (ceiling) taking into account the rounding parameter ($RMLS_{h,z}$)



This Within-Day Market Excess ($ME_{h,z}$) is settled with the Excess Causing Grid Users ($ECG_{h,z}$), being Grid Users with a positive Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$).

$$ECG_{h,z} : GBP^*_{h,z} > 0$$

The Within-Day Grid User Excess ($GE_{h,z,g}$) is calculated by distributing the Market Excess ($ME_{h,z}$) according to the proportion of the Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$) in the sum of the Grid User Balancing Positions before balancing settlement of all Excess Causing Grid Users, and is communicated to the Grid User as set out in section [3.33.3](#).

$$GE_{h,z,g} = ME_{h,z} \times \frac{GBP^*_{h,z,g}}{\sum_{ECG} GBP^*_{h,z}}$$

The Within-Day Grid User Excess Balancing Settlement ($GEBS_{h,z,g} - \text{€}$) is calculated by multiplying the hourly Grid User Excess quantity ($GE_{h,z,g} - \text{kWh}$) by minus one (negative value means this amount is credited) and by the hourly Excess Balancing Settlement Price ($EBSP_{h,z} - \text{€ / kWh}$).

$$GEBS_{h,z,g} = -GE_{h,z,g} \times EBSP_{h,z}$$

In case of Within-Day Market Excess, Excess Balancing Settlement Price ($EBSP_{h,z}$) is calculated as the minimum between the Excess Balancing Price ($EBP_{h,z}$) and the Gas Price (GP_d) to which the Small Adjustment for causer (SA_{causer}) is applied:

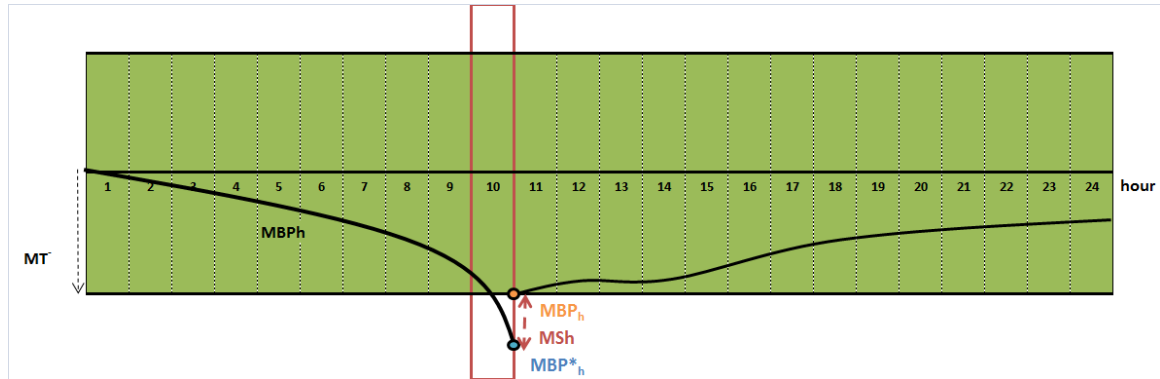
$$EBSP_{h,z} = \min(EBP_{h,z}; GP_d \times (1 - SA_{causer}))$$

3.2.4. Within-Day Market Shortfall

In case the Within-Day Market Balancing Position before balancing settlement ($MBP^*_{h,z}$) for an hour h not being the last hour of the Gas Day is lower than the lower Market Threshold ($MT_{h,z}$), there is a Market Shortfall ($MS_{h,z}$, positive value), which is calculated as the absolute value of the difference between the Market Balancing Position before balancing settlement ($MBP^*_{h,z}$, negative value) and the Market Threshold ($MT_{h,z}$, negative value), rounded up (floor) taking into account the rounding ($RMLS_{h,z}$):

$$MS_{h,zone} = \left\lceil \min \left(\left[\frac{MBP^*_{h,z} - MT^-_z}{RMLS_{h,z}} \right] * RMLS_{h,z}; 0 \right) \right\rceil$$

Market Shortfall ($MS_{h,z}$, positive value) is rounded up (floor) taking into account the rounding ($RMLS_{h,z}$)



This Within-Day Market Shortfall ($MS_{h,z}$) is settled with the Shortfall Causing Grid Users ($SCG_{h,z}$), being Grid Users with a negative Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$).

$$SCG_{h,z} : GBP^*_{h,z} < 0$$

The Grid User Shortfall ($GS_{h,z,g}$) is calculated by distributing the Market Shortfall ($MS_{h,z}$) according to the proportion of the Within-Day Grid User Balancing Position before balancing settlement ($GBP^*_{h,z,g}$) in the sum of the Grid User Balancing Positions before balancing settlement of all Shortfall Causing Grid Users, and is communicated to the Grid User as described in section 3.3

$$GS_{h,z,g} = MS_{h,z} \times \frac{GBP^*_{h,z,g}}{\sum_{SCG} GBP^*_{h,z}}$$

The Within-Day Grid User Shortfall Balancing Settlement ($GSBS_{h,z,g}$ - €) is equal to the Within-Day Grid User Shortfall ($GS_{h,z,g}$ - kWh) multiplied by the Shortfall Balancing Settlement Price ($SBSP_{h,z}$ - €/kWh).

$$GSBS_{h,z,g} = GS_{h,z,g} \times SBSP_{h,z}$$

In case of Within-Day Market Shortfall, Shortfall Balancing Settlement Price ($SBSP_{h,z}$) is calculated as the maximum between the Shortfall Balancing Price ($SBP_{h,z}$) and the Gas Price (GP_d) to which the Small Adjustment for causer (SA_{causer}) is applied:

$$SBSP_{h,z} = \max(SBP_{h,z}; GP_d \times (1 + SA_{causer}))$$

3.2.5. Within-Day balancing position after balancing settlement

The Grid User Balancing Position after balancing settlement ($GBP_{h,z,g}$) for an hour h (not being the last hour of the considered Gas Day) for a Zone z and for Grid User g is calculated by adding the Grid User Balancing Position before balancing settlement of the considered hour ($GBP^*_{h,z,g}$) to the Grid User Shortfall for the considered hour ($GS_{h,z,g}$), decreased by the Grid User Excess for the considered hour ($GE_{h,z,g}$):

$$GBP_{h,z,g} = GBP^*_{h,z,g} + GS_{h,z,g} - GE_{h,z,g}$$

The Market Balancing Position after balancing settlement ($MBP_{h,z}$) for an hour h for a Zone z is calculated by taking the sum of the Grid User Balancing Position after balancing settlement ($GBP_{h,z,g}$) of all Grid Users for the considered hour and Zone:

$$MBP_{h,z} = \sum_{allGridUsers} GBP_{h,z,g}$$

3.2.6. End-of-Day Market Excess and End-of-Day Market Shortfall

In case the End-of-Day Market Balancing Position before balancing settlement ($MBP^*_{d,z}$), being the Market Balancing Position before balancing settlement of the last hour of the Gas Day ($MBP^*_{last\ h,z}$) is a positive value, there is an End-of-Day Market Excess ($ME_{d,z}$), which is equal to such End-of-Day Market Balancing Position before balancing settlement. In case the End-of-Day Market Balancing Position before balancing settlement is a negative value, there is an End-of-Day Market Shortfall ($MS_{d,z}$ – positive value), which is equal to such End-of-Day Market Balancing Position before balancing settlement (absolute value).

$$MBP^*_{d,z} = MBP^*_{last\ h,z}$$

$$\text{If } MBP^*_{d,z} > 0: ME_{d,z} = MBP^*_{d,z}; MS_{d,z} = 0$$

$$\text{If } MBP^*_{d,z} < 0: MS_{d,z} = |MBP^*_{d,z}|; ME_{d,z} = 0$$

$$\text{If } MBP^*_{d,z} = 0: MS_{d,z} = ME_{d,z} = 0$$

The Excess Causing Grid Users are the Grid Users with a positive End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z}$), being the Grid User Balancing Position before balancing settlement of the last hour of the Gas ($GBP^*_{last\ h,z}$). The Shortfall Causing Grid Users are the Grid Users with a negative End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z}$).

$$GBP^*_{d,z,g} = GBP^*_{last\ h,z,g}$$

$$ECG_{d,z} : GBP^*_{d,z,g} > 0$$

$$SCG_{d,z} : GBP^*_{d,z} < 0$$

3.2.7. End-of-Day balancing settlements in case of End-of-Day Market Excess

For Excess Causing Grid Users, the End-of-Day Grid User Excess Balancing Settlement ($GEBS_{d,z,g}$) is equal to the End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z,g}$) multiplied by the End-of-Day Excess Balancing Settlement Price ($EBSP_{d,z}$), multiplied by minus one (negative balancing settlement means that amount is credited).

$$GEBS_{d,z,g} = -GBP^*_{d,z,g} \times EBSP_{d,z}$$

In case of End-Of-Day Market Excess, Excess Balancing Settlement Price ($EBSP_{d,z}$) is calculated as the minimum between the Excess Balancing Price ($EBP_{d,z}$) and the Gas Price (GP_d) to which the Small Adjustment for causer (SA_{causer}) is applied:

$$EBSP_{d,z} = \min(EBP_{d,z}; GP_d \times (1 - SA_{causer}))$$

For Grid Users who are not causing the Market Excess (being all other Grid Users than the Excess Causing Grid Users), the End-of-Day Grid User Shortfall Balancing Settlement ($GSBS_{d,z,g}$) is equal to the End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z,g}$ - absolute value) multiplied by the End-of-Day Shortfall Balancing Settlement Price ($SBSP_{d,z}$).

$$GSBS_{d,z,g} = |GBP^*_{d,z,g}| \times SBSP_{d,z}$$

In case of End-Of-Day Market Excess, Shortfall Balancing Settlement Price ($SBSP_{d,z}$) is calculated as the maximum between the Shortfall Balancing Price ($SBP_{d,z}$) and the Gas Price (GP_d) to which the Small Adjustment for helper (SA_{helper}) is applied :

$$SBSP_{d,z} = \max(SBP_{d,z}; GP_d x (1 + SA_{helper}))$$

3.2.8. End-of-Day balancing Settlements in case of End-of-Day Market Shortfall

For Shortfall Causing Grid Users, the End-of-Day Grid User Shortfall Balancing Settlement ($GSBS_{d,z,g}$) is equal to the End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z,g}$ - absolute value) multiplied by the End-of-Day Shortfall Balancing Settlement Price ($SBSP_{d,z}$).

$$GSBS_{d,z,g} = |GBP^*_{d,z,g}| x SBSP_{d,z}$$

In case of End-Of-Day Market Shortfall, Shortfall Balancing Settlement Price ($SBSP_{d,z}$) is calculated as the maximum between the Shortfall Balancing Price ($SBP_{d,z}$) and the Gas Price (GP_d) to which the Small Adjustment for causer (SA_{causer}) is applied:

$$SBSP_{d,z} = \max(SBP_{d,z}; GP_d x (1 + SA_{causer}))$$

For Grid Users who are not causing the Market Shortfall (being all other Grid Users than the Shortfall Causing Grid Users), the End-of-Day Grid User Excess Balancing Settlement ($GEBS_{d,z,g}$) is equal to the End-of-Day Grid User Balancing Position before balancing settlement ($GBP^*_{d,z,g}$) multiplied by the End-of-Day Excess Balancing Settlement Price ($EBSP_{d,z}$), multiplied by minus one (negative balancing settlement value means that amount is credited).

$$GEBS_{d,z,g} = -GBP^*_{d,z,g} x EBSP_{d,z}$$

In case of End-Of-Day Market Shortfall, Excess Balancing Settlement Price ($EBSP_{d,z}$) is calculated as the minimum between the Excess Balancing Price ($EBP_{d,z}$) and the Gas Price (GP_d) to which the Small Adjustment for helper (SA_{helper}) is applied:

$$EBSP_{d,z} = \min(EBP_{d,z}; GP_d x (1 - SA_{helper}))$$

3.2.9. End-of-Day balancing position after balancing settlement

The End-of-Day Grid User Balancing Position after balancing settlement ($GBP_{d,z,g}$) for a Zone z and for Grid User g is equal to 0 (zero). As a consequence the End-of-Day Market Balancing Position after balancing settlement ($MBP_{d,z}$) for a Zone z is also equal to 0 (zero).

3.3. Hourly reporting

3.3.1. Process

The reporting will be performed on an hourly basis

3.3.2. Hourly Reporting – Grid User’s ~~Account~~Balancing Position Form

The Balancing Operator will communicate to each Grid User, for each hour of the Gas Day the following data for each Zone in which the Grid User is active.

- Grid User’s Balancing Position before balancing settlement
- Within-day Grid User Excess or Shortfall balancing settlement,
- End-of-day Grid User Excess or Shortfall balancing settlement,
- Market Balancing Position before balancing settlement,
- Within-day Market Excess or Shortfall balancing settlement,
- End of day Market Excess or Shortfall balancing settlement, and
- Upper and Lower Market Threshold limits.

This communication will occur via an “IMBNOT” Edig@s notice.

Notice contains the Provisional Data for the hour(s) in the past and the forecasted data for the hour(s) in the future. This forecasted information is based among others on the status at one moment in time of information sent by the Grid Users to the TSOs of the BeLux Area and is updated at least on an hourly basis. However, the forecasted information is for information purposes only and Balancing Operator offers no guarantee that said information is complete, accurate, reliable or up-to-date.

In normal circumstances Balancing Operator shall communicate to each Grid User its Grid User’s Account Position Form on Gas Day d-1 for Gas Day d between 15h (~~Belgian CETTime~~) and 15h35 (~~Belgian CETTime~~). Every hour after 15h35 (~~Belgian TimeCET~~) Balancing Operator shall send an updated version of this Grid User’s ~~Account~~Balancing Form on Gas Day d-1 for Gas Day d. Within the same Gas Day d, Balancing Operator shall send in normal circumstances the messages within the first thirty five minutes following the allocated hour.

The Balancing Operator may decide to revise the message in the event that miscalculations are discovered in the hourly reporting or when the effective values of the Market Threshold shall be modified for next full hour +1 in accordance with 3.2.1. If this is the case each Grid User will receive a revised notice.

The corrected data shall also be available on the Electronic Data Platform of the Balancing Operator.

~~3.4. Physical delivery/offtake obligations relating to a Balancing Physical Transaction~~

~~When entering into a Balancing Physical Transaction, the Grid User shall make physical deliveries/offtakes that are in compliance with the requirements hereunder.~~

~~For a sale transaction from Grid User to Balancing Operator, the Grid User shall:~~

- ~~• simultaneously deliver the quantities of gas relating to such transaction at any Interconnection Point in the specific Zone by increasing accordingly its confirmed quantities for delivery matched entry Nominations at such Interconnection Point or;~~
- ~~• simultaneously and for the quantities of gas relating to such transaction, decrease its offtakes at any Interconnection Point or End User Domestic Exit Point of the specific Zone by decreasing accordingly its matched exit Nominations at such Interconnection Point or shall cause the concerned End User to decrease consequently its gas offtakes;~~

~~For a purchase transaction from Grid User to Balancing Operator, the Grid User shall:~~

- ~~• simultaneously offtake the quantities of gas relating to such transaction at any Interconnection Point in the concerned or End User Domestic Exit Point of the specific Zone by increasing accordingly its matched exit Nominations at such Interconnection Point or shall cause the concerned End User to increase consequently its gas offtakes or;~~
- ~~• simultaneously and for the quantities of gas relating to such transaction, decrease its deliveries at any Interconnection Point of the specific Zone by decreasing accordingly its matched entry Nominations at such Interconnection Point;~~

~~For the avoidance of any doubt, the Grid User is expected to increase or decrease as the case may be, its entry or exit Nomination and cause its counterpart in the adjacent grid to do so as well in order to achieve the desired increase or decrease of the matched entry or exit Nomination.~~

~~Upon request by the Balancing Operator, the Grid User shall communicate to the Balancing Operator, per transaction, the proof of its compliance with the above mentioned physical delivery/offtake obligations. Balancing Operator has the right to check, with the TSO's of the BeLux area, whether the Grid User effectively meets its physical delivery/offtake obligation.~~

~~It is understood that Grid User does not meet its obligation if it delivers/offtakes at a Interconnection Point or End User Domestic Exit Point but deliberately compensates (totally or partially) such delivery/offtake by a modification of its delivery/offtakes at other Interconnection Point(s) or End User Domestic Exit Point(s).~~

~~In case the Grid User did not meet its obligation, the Balancing Operator has the right to:~~

- ~~• charge Grid User, and the Grid User shall have to pay, any balancing costs incurred by the Balancing Operator relating to the specific behavior of this Grid User, and/or;~~

- ~~• suspend the right for the Grid User to enter into a Balancing Physical Transaction with immediate effect and until further notice.~~

4. Invoicing

4.1. General

There are 2 monthly invoices:

- Monthly BAL Invoice
- Monthly BAL Self-billing Invoice

The following fees are invoiced with the Monthly BAL Invoice:

- Shortfall Monthly Balancing Settlement Fee
- If applicable, the Monthly Neutrality Fee

The following fees are invoiced with the Monthly BAL Self-billing Invoice:

- Excess Monthly Balancing Settlement Fee
- If applicable, the Monthly Neutrality Fee

4.2. Monthly BAL Invoice

4.2.1. Shortfall ~~monthly~~ Balancing Settlement fee

4.2.1.1. Shortfall Monthly Balancing Settlement Fee

The calculation of the following Balancing Settlement fees is described in section 3:

- Within-Day Grid User Shortfall Balancing Settlement ($GSBS_{h,z,g}$);
- End-of-Day Grid User Shortfall Balancing Settlement ($GSBS_{d,z,g}$);

Shortfall monthly Balancing Settlement fee is calculated as the sum of the shortfall Balancing Settlements for all the Hours of all the days in the Month.

4.2.1.2. Shortfall balancing settlement fee in case of anticipative invoice in accordance with Article 2.11 of the Balancing Agreement

The shortfall balancing settlement fee in case of anticipative invoice in accordance with Article 2.11 of the Balancing Agreement will be calculated as the amount of the sum of all Within-Day Grid User Shortfall Balancing Settlements and End-of-Day Grid User Shortfall Balancing Settlements of the current Month.

4.2.1.4.2.2. **Monthly Neutrality Fee**

The Monthly Neutrality Fee is calculated, by Zone, based on the exit provisional allocation in energy of Grid User on the domestic exit points in this Zone multiplied by determined in accordance with the Neutrality Charge applicable in this Zone in accordance with the Regulated Tariffs as approved by the Competent Regulators~~Regulated Tariffs of the Balancing Operator.~~

4.3. Monthly Self-billing BAL Invoice

4.3.1. **Excess Monthly Balancing Settlement Fee**

The calculation of the following Excess Balancing Settlement Fees is described in section 3:

- Within-Day Grid User Excess Balancing Settlement ($GEBS_{h,z,g}$);
- End-of-Day Grid User Excess Balancing Settlement ($GEBS_{d,z,g}$);

The Excess Monthly Balancing Settlement Fee is calculated as the sum of the excess balancing settlement for all the Hours of all the days in the Month.

4.3.2. **Monthly Neutrality Fee**

The Monthly Neutrality Fee is calculated, by Zone, based on the exit provisional allocation in energy of Grid User on the domestic exit points in this Zone multiplied by the Neutrality Charge applicable in this Zone in accordance with the Regulated Tariffs as approved by the Competent Regulators.

~~The Monthly Neutrality Fee is determined in accordance with Regulated Tariffs of the Balancing Operator.~~

5. Electronic Data Platform

5.1. Introduction

In the framework of the execution of Balancing Services under the Balancing Agreement, the Balancing Operator offers Grid User access to and use of the Electronic Data Platform.

Such access will be granted to Grid User representatives, further referred to as Users, on a non-exclusive and non-transferable basis and as from the moment those Users become registered as set forth in section 5.2. The use of the Electronic Data Platform by Users is further subject to identification and authentication procedures detailed in section 5.3.

Balancing Operator is for commercial, operational and regulatory purposes offering different access rights to the Electronic Data Platform. The following distinction is made depending on the type of data made available:

- Public data is data that is made available to anyone without access restriction placed on such kind of data,
- Private data is data made available to a specific Grid User, with restricted use depending on the access rights granted to the User of the Electronic Data Platform, as detailed in section 5.2.

5.2. Access rights

For the avoidance of doubt, Balancing Operator grants User that has been registered either as SPOC either by the SPOC, a temporary, personal, non-transferable and non-exclusive right for the use of the Electronic Data Platform for the consultation of data based on the combination of one or more of the following access rights, in the framework of the performance of the Balancing Agreement.

5.2.1. Administration rights

SPOCs shall become Users granted with administration rights in the Electronic Data Platform. For the registration of a SPOC for a specific Grid User, Balancing Operator requires at least the name, email address and mobile phone number of such person; such data are communicated using the Contact Details Sheet as provided at the end of this document and appended when filled to the Balancing Agreement.

Once the SPOC is registered, Balancing Operator shall send the SPOC its username by email and its password by SMS¹. As from this moment SPOC is entitled to use the Electronic Data Platform administration tool and execute the Administration Setup of all Users relating to such Grid User, by:

- Registering User(s) and their information;
- Password management for Users, including creation, reset or unlock operations;
- Modifying or deleting the information relating to Users;
- Granting or modifying granted access rights to Users.

In order to register a new User, SPOC of the Grid User shall register at least its name, email address and mobile phone number in the administration tool.

Once the User is registered, Balancing Operator shall send the User its username by email and its password by SMS. As from this moment User is entitled to use the Electronic Data Platform and consult private data relating to the Grid User, according to the access rights granted to him at that time by the SPOC.

¹ The password is generated by the system and must be changed at first login attempt;

5.2.2. *Read rights*

A User with read rights is entitled to consult public data and private data relating to such Grid User only, published at the Electronic Data Platform of the Balancing Operator.

5.3. Access to the Electronic Data Platform

5.3.1. *Infrastructure*

Grid User must at its own expense and risk

- a) Apply for and obtain a username and password; and,
- b) Purchase all necessary hardware, software and licenses, if any, for the use of the username, password and the SMS mechanism for the communication of the password.

All costs made by the Grid User related to the application and administration of the username, password, including but not limited to the Administration Setup, will be paid by the Grid User.

Balancing Operator will handle the Grid User's access request for SPOC and will do its reasonable efforts to grant, as soon as possible, Grid User access to its data via the Electronic Data Platform. In principle, access will be granted within ten (10) working days as from the access request but this timing is only indicative and is under no circumstances binding towards Balancing Operator. If access is granted, Balancing Operator will provide the Grid User a manual² on the use of the Electronic Data Platform, which may be amended from time to time.

The Grid User itself must have at its disposal, at its own expense and its own risk, minimum configuration on request of Balancing Operator to access the Electronic Data Platform. These requirements are published on the website of the Balancing Operator and may be modified from time to time, given possible technological evolutions.

5.3.2. *Availability of the Electronic Data Platform*

The Electronic Data Platform is accessible through the Internet. In this regard, Grid User expressly acknowledges that Internet is an open international network whose characteristics and particularities are well known to it. Grid User agrees that Balancing Operator will not be held liable for any direct or indirect damage Grid User might incur due to the use of the Internet. Balancing Operator reserves the right to modify at any time the electronic means of communication used for the services offered through the Electronic Data Platform.

² Such manual will be available on-line within the platform and can be sent to Grid User upon request.

The Electronic Data Platform is intended to be accessible 24 hours per day and 7 days per week, except as otherwise indicated. However, assistance in case of technical problems or unavailability of the Electronic Data Platform for whatsoever reason or the helpdesk will only be assured by Balancing Operator during Working Hours. Balancing Operator reserves the right at any moment to suspend or otherwise limit the availability of part or all of the Electronic Data Platform from time to time to make all modifications likely to improve or expand its operation or simply to ensure its maintenance. Balancing Operator will notify Grid User in due time of any change in the Electronic Data Platform or any such unavailability and will use its reasonable endeavours to keep such unavailability to a minimum.

5.3.3. *Access refusal*

Balancing Operator may block User's access to the Electronic Data Platform at any time with immediate effect, without giving right to compensation and without affecting the Parties' rights and obligations under the Balancing Agreement:

- a) Upon Grid User's written request to block or delete an account of a User for whatever reason,
- b) For technical reasons affecting Balancing Operator's IT-system; and,
- c) In case of a default or breach by User, not capable of remedy, it being understood that the use of the Electronic Data Platform by User which adversely affects the smooth operation or the image or the reputation of Balancing Operator (a.o. undue or fraudulent use of the Data and/or Electronic Data Platform), will be considered as a breach not capable of remedy with respect to the use of the Electronic Data Platform.

5.3.4. *No warranty or liability*

Balancing Operator makes no warranty that access to or functioning of the Electronic Data Platform will be uninterrupted, timely, secure, effective and reliable or error free, since the provision of the services under this attachment depends amongst other on the proper functioning of the telecommunications network/internet.

The use of the Electronic Data Platform and the data resulting from it is at the Grid User's own discretion and risk. Grid User alone is responsible for any damage to its or others' computer system/s, telephone/s, fax or other devices or loss of data from the use of the Electronic Data Platform.

Balancing Operator shall make no warranty and will not be liable as to the up-dating, the correctness, the accuracy, or completeness of the data provided on and the good working of the Electronic Data Platform. For the avoidance of doubt, the lack of availability of the Electronic Data Platform will under no circumstances affect Parties' rights and obligations under the Balancing Agreement.

Grid User acknowledges that Balancing Operator shall not incur any liability whatsoever in connection with the Electronic Data Platform.

Grid User Details Form

COMPANY

- ◆ Company name:
- ◆ Address:

- ◆ Phone number:
- ◆ Fax number:
- ◆ The company is incorporated
under the laws of:
- ◆ Registered office:
- ◆ Chamber of commerce:
- ◆ City and Registration number:
- ◆ Legally representatives (signature of the Balancing Agreement):
 1. Name:
Function:

 2. Name:
Function:

CONTACTS

Commercial contact:

- ◆ Contact name:
- ◆ Function:
- ◆ Address:

- ◆ Phone number:
- ◆ Fax number:
- ◆ Mobile:
- ◆ Email address:
- ◆ Dedicated Email address (Department or Team):
- ◆

Back-up Commercial Contact:

- ◆ Contact name:

- ◆ Function:
- ◆ Address:

- ◆ Phone number:
- ◆ Fax number:
- ◆ Mobile:
- ◆ Email address:

Operational contact:³

- ◆ Contact name:
- ◆ Function:
- ◆ Address:

- ◆ Phone number:
- ◆ Edigas phone number:
- ◆ Fax number:
- ◆ Mobile:
- ◆ Email address:

ICT contact:

- ◆ Contact name:
- ◆ Function:
- ◆ Address:

- ◆ Phone number:
- ◆ Fax number:
- ◆ Mobile:
- ◆ Email address:

³ Operational parameters (shipper's code...), communication protocol, ICT maintenance announcement...

INVOICING

Main Invoicing

- ◆ Company name:
- ◆ Invoicing contact name:
- ◆ Address:

- ◆ Phone number:
- ◆ Fax number:
- ◆ Mobile:
- ◆ Email address:
- ◆ Bank name:
- ◆ Bank address:

- ◆ Account number:
- ◆ IBAN Code:
- ◆ BIC Code:
- ◆ VAT number:
- ◆ Register for Legal Entities

Invoicing Mailing Address

- ◆ Company name:
- ◆ First Name:
- ◆ Surname:
- ◆ Function:
- ◆ Address:

Purchase status:

- ◆ Taxable Dealer⁴ or
- ◆ End Consumer

⁴ For VAT purposes, the "taxable dealer" is defined in 2003/92/EC as a taxable person whose principal activity in respect of purchases of gas and electricity regulation is to sell these products and whose own consumption of these products is negligible.

Imbalance Pooling Form

Imbalance Pooling Form

GRID USER (Transferor)

Company Name:
 Contact person:
 Phone:
 Mobile:
 E-mail:

Date Request:
 STA Ref:
 Ref Assignor:

GRID USER (Transferee)

Company Name:
 Contact person:
 Phone:
 Mobile:
 E-mail:

Date Request:
 STA Ref:
 Ref Assignee:

Imbalance Pooling Service

Start Date **dd/mm/yyyy** End Date **dd/mm/yyyy**

Transferor accepts that its hourly imbalance is transferred to the Grid User Balancing Position of the Transferee as set out in section 3.1
 Transferee accepts that hourly imbalance of the Transferee is transferred to its Grid User Balancing Position as set out in section 3.1

This Form is made up in on in three original copies (one for each party).

**For and on behalf of
the Transferor**

**For and on behalf of
the Transferee**

**For and on behalf of the
Balancing Operator**

Date:
 Company:
 Name:
 Function:
 Signature:

Date:
 Company:
 Name:
 Function:
 Signature:

Date:
 Company: Balansys
 Name:
 Function:
 Signature:

Date:
 Name:
 Function:

Date:
 Name:
 Function:

Date:
 Name:
 Function:

Signature:

Signature:

Signature: