



**Criteria for the calculation of the reserve price for the allocation of the continuous regasification capacity, with relation to annual and multi-year allocation.**

1. The reserve price for continuous regasification capacity procedures is equal to:

$$PR_p = \max \left\{ \begin{array}{l} \alpha * \min[PSV_p - NEU_p; PSV_p - C_T - DeIT_p - RCI] \\ \min[T; P * \beta] \end{array} \right.$$

where:

$PR_p$  is the reserve price for regasification capacity related to the LNG delivery period  $p$ , expressed in €/MWh per energy unit of the delivered LNG;

$p$  is the delivery period of LNG and it can be equal to one gas year in case of annual allocation procedure, and in such case it is referred to  $A+a$  where  $a$  is the sequential index of years;  $a$  may take values equal to 1 and 2, and it is equal to 1 for the first gas year following the one in which the allocation procedure is held;

$\alpha$  is a multiplier equal to 0,9 in case the last month of the year is preceding to month  $M^*$  and 0 in the other cases;

$PSV_p$  is the average of the quotation registered in the last 10 gas-day available immediately before the term for the presentation of the offer for the product with delivery in the period  $p$  at PSV, registered by ICIS-Heren; in case there is no listed product for period  $p$ , the listed product for the shortest period which includes period  $p$  should be taken as reference, namely the weighted average for the duration which includes period  $p$  of contiguous products;

$NEU_p$  is the higher among:

- The average of registered quotation of the last 10 gas-day which are available immediately before the term for the presentation of the offer for the product with delivery in the period  $p$  at TTF, registered by ICIS-Heren;
- The average of registered quotation of the last 10 gas-day which are available immediately before the term for the presentation of the offer for the product with delivery in the period  $p$  at NBP, registered by ICIS-Heren;

in case there is no listed product for period  $p$ , the listed product for the shortest period which includes period  $p$  should be taken as reference, namely the weighted average for the duration which include period  $p$  of contiguous products;

$C_T$  is the estimation of the unitary cost associated to the allocation and to the use of regasification capacity which is paid by the user, expressed in €/MWh, calculated assuming a void allocation price and considering:



- The fixed cost for transport capacity at the entry point with the terminal;
- The variable costs for transport, including the additional components with respect to the transport tariff and the costs recognised in kind to cover consumptions for the transport companies;
- Tariff to cover dismantling cost *Crs* as per paragraph 7.2 of the RTRG;
- The compensation recognized in kind to the regasification company to cover losses and consumptions of the terminal.

The quantities of gas accepted in kind shall be valued at the price  $PSV_p$ .

$DeIT_p$  is the average of the quotations registered in the last 10 gas-days immediately preceding the deadline for the submission of the offers of the product *des Spot LNG Italy, offer*, published by Argus and relating to the period  $p$  in which delivery is expected; in the case that products are not listed in relation to the period  $p$ , the value of  $DeIT_p$  is calculated as:

- a) for the period when quotations are available for the US Gulf Coast fob LNG product, published by Argus

$$DeIT_p = DeIT_k \left(1 + \frac{USGC_p - USGC_k}{USGC_k}\right), \text{ where:}$$

$DeIT_k$  indicates the average of the last five available quotation of product *des Spot LNG Italy LNG*, published by Argus, and related to period  $k$ ;

$USGC_p$  indicates the average of the last five available quotations of the product *US Gulf Coast fob LNG*, published by Argus, and related to the period  $p$ ;

$USGC_k$  indicates the average of the last five available quotations of the product *US Gulf Coast fob LNG*, published by Argus, and relating to the period  $k$ ;

$k$  indicates the month or fraction of month, later in time, for which is available the quotation of the product *des Spot LNG Italy LNG*, published by Argus;

- b) for the period following that referred to in a) above, for which quotations are available for *LNG Des North East Asia (ANEA)*, published by Argus:

$$DeIT_p = ANEA_p - L, \text{ where:}$$

$ANEA_p$  is the average of the available gas quotations registered in the last 10 days of the product *LNG Des North East Asia (ANEA)* expressed in €/MWh;

$L$  is a parameter equal to 1,45 €/MWh;



$M^*$  is the last month of the period later in the period for which the product quotation *Des North East Asia (ANEA)* is available;

$RCI$  is a parameter, equal to 0,34 €/MWh;

$P$  is a parameter, equal to 0,54 €/MWh;

$\beta$  is a multiplier equal to:

- 1	if	$p = A + 1$ and $C_o \leq C_1$ ;
- 2	if	$p = A + 1$ and $C_1 < C_o \leq 2C_1$ ;
- 3	if	$p = A + 1$ and $2C_1 < C_o \leq C_t$
- 2	if	$p = A + 2$ and $C_o \leq C_1$ ;
- 4	if	$p = A + 2$ and $C_1 < C_o \leq 2C_1$ ;
- 6	if	$p = A + 2$ and $2C_1 < C_o \leq C_t$
- 3	if	$p \geq A + 3$ and $C_o \leq C_1$ ;
- 6	if	$p = A + 3$ and $C_1 < C_o \leq 2C_1$ ;
- 8	if	$p = A + 3$ and $2C_1 < C_o \leq C_t$ ;
- 8	if	$p \geq A + 4$ and $C_1 < C_o \leq C_t$ ;

$C_o$  is the regasification capacity unit to be allocated;

$C_t$  is the regasification capacity of the terminal\*;

$C_1$  is the capacity corresponding to one discharge per month at the terminal\*;

$T$  is the  $Cqs$  as per paragraph 7.1 of the RTRG.

2. For the purpose of the calculation of the reserve price, the energy content of:
  - a. LNG is assumed equal to 6700 kWh/mcl;
  - b. gas is assumed equal to 10,98 kWh/Smc.

Pursuant to resolution 157/2020/R/gas OLT defines a multiplier  $\beta=8$  for  $p \geq A + 4$  and  $0 < C_o \leq C_t$ . The reserve price for all capacity offered from the gas year A+4 is therefore equal to the regulated tariff approved by Resolution 43/2020/R/Gas.

\*In case of regasification capacity offered by OLT in slots with a size of 180,000 mcliq, the regasification capacity of the terminal  $C_t$  and the parameter  $C_1$  are to be understood as the following values respectively:  $C_t = 6$ ;  $C_1 = 2$ .