

Locational Energy Trading

Process Overview v1.0

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nationalgrid

Overview

This process allows National Grid NTS to trade gas in and out of NTS linepack at specific NTS Entry and Exit Locations. Locational Energy Trades are used for the management of NTS Entry & Exit Capacity Constraint risk. National Grid NTS may request NTS Users to make Locational Energy offers at a specified ASEP(s) or for all NTS Exit Points that reside in a specified NTS Exit Zone(s).

Following a request by National Grid NTS, offers can be posted by relevant NTS Users on the Locational OCM Market within the APX trading platform for assessment and selection by National Grid NTS in relation to the risks being managed.

Once a trade has been accepted, Users re-nominate in the Gemini system in line with the accepted trade and revise physical entry/exit flows accordingly. If locational trades create a system imbalance, further actions may be required in other parts of the network to restore balance. These actions are referred to as “Secondary Balancing Actions” and are managed in the same way as any other Locational Energy Trade.

Communications

National Grid NTS may request NTS (Entry & Exit) users to make locational Energy Offers via ANS. For reference, the ANS messages that will be issued are given below:

*National Grid is seeking to **sell** locational gas. NTS Users are requested to post offers on the OCM locational market at the following locations (**List ASEP(s)/NTS Exit Zone(s))*

*National Grid is seeking to **buy** locational gas. NTS Users are requested to post offers on the OCM locational market at the following locations (**List ASEP(s)/NTS Exit Zone(s))*

Process Summary

1. National Grid NTS request users to make Locational Energy Offers (Buy or Sell) via ANS
2. NTS Users at relevant requested locations post offers to the Locational Energy market within the APX Platform
3. National Grid NTS accept offers based on factors including cost, location and lead-time in line with the System Management Principles Statement
4. Shipper approves the Locational trade in Gemini on the screen:
[Home > OCM > Maintain OCM Renominations](#)
 - a. For successful trades, the message Renomination committed successfully would be displayed at the left bottom corner of the screen
 - b. For unsuccessful trades or partial successful trades, the message Renomination committed partially would be displayed at the left bottom corner of the screen
5. The status of the Locational trade can be found in the Gemini screen:
[Home > OCM > Trade Details > Physical / Locational Trade Status](#)

Trade Status Codes

UN = Unconfirmed

CN = Confirmed

CP = Confirmed with PRI charges

UF = Unconfirmed/Failed.

6. The trade details can be found in the Gemini Screen:
[Home > OCM > Trade Details > OCM / OTC Trade](#)

For an Output Meter

- Locational Buy = Normal or Forward flow
 - The OCM Trade will appear as an Output (OCM Physical) on the Business Associate Balance screen
- Locational Sell = Opposite or Reverse flow
 - The OCM Trade will appear as an Input (OCM Physical) on the Business Associate Balance screen

For an Input Meter

- Locational Buy = Opposite or Reverse flow
 - The OCM Trade will appear as an Output (OCM Physical) on the Business Associate Balance screen
- Locational Sell = Normal or Forward flow
 - The OCM Trade will appear as an Input (OCM Physical) on the Business Associate Balance screen

Note:

For Locational Buys (Input Meter) or Locational Sells (Output Meter), opposite flow nominations would be automatically created on Confirmation of the trade. These can be viewed in the Gemini screen [Home > Nominations > Renominations](#) where the field headings, SF would read 'OC' and Opp Flow would read 'Y'.

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