Technical Rule no. 23 rev. 01 MPE

(under article 4 of the Integrated Text of the Electricity Market Rules, approved by the Decree of the Minister of Productive Activities of 19 December, as subsequently amended and supplemented)

Title	**Units and aggregations of units for injection, withdrawal, and provision of ancillary and redispatching services**

Reference Legislation	Article 24, para. 24.3, Integrated Text of the Electricity Market Rules

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1. Foreword

Article 24, para. 24.3 of the Integrated Text of the Electricity Market Rules (hereafter "ME Rules") provides that GME shall publish the list of types of units, specifying, for each type, at least the following information:

    a. the types of units that can be included into physical injection or withdrawal portfolios, or commercial portfolios, in view of participation in the MGP and MI;

    b. the types of units that are enabled for the MSD;

    c. the type of party entitled to register nominations;

    d. the type of party entitled to notify margins.

2. Units, enabling for the market, and entitled parties

The following is a list of all the types of units that can operate in the MGP, MI, and MSD, specifying whether they are enabled or not enabled for the individual markets, and the parties entitled to notify margins and register nominations.

- **Units enabled to participate in the MGP, MI, and MSD[1]**
    - **Units individually enabled (UASs[2])**, which may be single UPs or UCs; the margins are notified by Terna and the nomination is made by the reference BSP. If the BRP (or the market participant delegated by the same to operate in the energy markets) coincides with the BSP, and the latter BSP has not registered any nomination on the UAS, GME will automatically apply an implicit injection or withdrawal nomination, as referred to in Technical Rule no. 21 MPE. Otherwise, the nomination process will take place under the procedure indicated in Technical Rule no. 22 MPE.

- **Units enabled to participate in the MGP and MI only**
    - **Units not enabled to be scheduled (UnAPs),** single UPs or UCs; the margins are notified by Terna and the nomination is made by the reference BRP. If the BRP does

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[1] Under art. subpara. uu) of the ME Rules, MSD is the acronym of the Balancing and Redispatching Market, consisting of the Integrated Scheduling Process, i.e. the venue where Terna procures its resources for the balancing and redispatching service, according to the sessions referred to in the Dispatching Rules; in the latter Rules, this market is called MBR (*Mercato per il bilanciamento e il ridispacciamento*).

[2] The UASs pertaining to storage resources (under Legislative Decree 210/21, hereafter "Decree 210/21") or the UVNs including storage resources (under the same Decree) are allowed to enter bids/offers into the MPE only for the share of capacity not allocated under time-shifting contracts. For these units, the final nomination is given by the sum of: (i) the nomination registered by Terna in respect of the share of capacity covered by the Rules for procurement of storage resources (under Decree 210/21), and (ii) the nomination registered by the BSP in respect of the capacity not covered by the Rules for procurement of storage resources (under Decree 210/2021).

not register the PN nomination on the UnAP within the required time limits, GME will automatically apply an implicit injection or withdrawal nomination, as referred to in Technical Rule no. 21 MPE.

o **Nodal virtual units (UVNs)** for injection or withdrawal. They consist of a subset of UCs (withdrawal UVNs) or UPs (injection UVNs) of the same technology, included in the same UVAN and held by the same BRP[3]; the margins are notified by Terna and the nomination is made by the reference BSP. If the BRP (or the market participant delegated by the same to operate in the energy markets) coincides with the BSP, and the latter BSP has not registered any nomination on the UVN, GME will automatically apply an implicit injection or withdrawal nomination, as referred to in Technical Rule no. 21 MPE. Otherwise, the nomination process will take place under the procedure indicated in Technical Rule no. 22 MPE.

o **Zonal virtual units (UVZs):** injection or withdrawal UVZs. They consist of a subset of UCs or UPs of the same technology, not already included in a UAS, a UnAP, and a UVN, and held by the same BRP. For injection UVZs, except for residual units, the margins are notified by Terna and the nomination, except for the UVZs FRNP (which do not benefit from support mechanisms and are not contractualised within the capacity markets), is made by the reference BRP; for residual injection units, i.e. the residual UVZ FRNP, the margins are notified by Terna and the nomination is made by GME[4]. Finally, for withdrawal UVZs, which operate also as residual units, the margins are notified by the BRP (or by the delegated market participant) and the nomination is made by GME[5]. If, in the applicable cases, the BRP does not register the PN nomination on the UVZ within the required time limits, GME will automatically apply an implicit injection nomination, as referred to in Technical Rule no. 21 MPE.

o **Virtual import units (UVIs):** they represent a set of import units (UIs)[6], held by the same BRP; the margins are notified by Terna and no nomination is made.

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[3] The UVNs pertaining to storage resources (under Decree 210/21) are allowed to enter bids/offers into the MGP and MI only for the share of capacity not allocated under time-shifting contracts.

[4] This nomination is carried out by separately showing the component related to the commercial position of the portfolio consisting of the UVZ FRNP and the residual component resulting from the difference between the sum of the commercial positions of the physical portfolios of units other than the UVZ and the sum of the nominations of those units (by zone and by BRP).

[5] For all the UCs, including the UCs held by final customers supplied under the safeguard service, corresponding to the UVZs, the nomination will be made by GME. This nomination will be made taking into account the component related to the commercial position of the portfolio consisting of the UVZ and the residual component resulting from the difference between the sum of the commercial positions of the physical withdrawal portfolios of units other than the UVZ and the sum of the nominations of those units (by zone and by BRP).

[6] Import points not associated with the monitoring of scheduled cross-border trades.

- o **Cross-border import units for scheduled cross-border trades (UIEs)**: they represent cross-border import units (UIEs)[7] associated with a virtual import point on the national transmission grid, located in a foreign bidding zone, and held by the same BRP; the margins are notified by Terna and no nomination is made.

- o **Cross-border export units for scheduled cross-border trades (UEEs)**: they represent cross-border export units (UEEs)[8] associated with a virtual export point on the national transmission grid, located in a foreign bidding zone, and held by the same BRP; the margins are notified by Terna and no nomination is made. In the energy markets, these units give rise to the creation of injection portfolios[9].

- o **Virtual export units (UVEs):** they are the set of export units (UEs)[10], held by the same BRP; the margins are notified by Terna and no nomination is made. In the energy markets, these units give rise to the creation of injection portfolios[11];

- • **Units enabled to participate in the MSD only**

  - o **Enabled nodal virtual units (UVANs):** sets of UPs and/or UCs contained within a UVN, which may also be held by different BRPs, provided that they belong to the same node. These units are enabled to enter bids/offers into the MSD only and they are managed by a single BSP. The UVANs may also consist of storage resources under Decree 210/21; however, in this case, they cannot include other resource technologies; no nomination applies.

  - o **Enabled zonal virtual units (UVAZs):** sets of UPs and/or UCs contained within the UVZs that may also be held by different BRPs, provided that they belong to the same zone and that they are managed by a single BSP. These units are enabled to enter bids/offers in the sessions of the MSD and in terms of standard product on the Balancing Platforms, as indicated in the Dispatching Rules; no nomination applies.

The following is an explanatory table of what has been described above.

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[7] Import points associated with the monitoring of scheduled cross-border trades.
[8] Export points associated with the monitoring of cross-border trades
[9] The compensatory component is not applied to purchases made in the MGP on the injection portfolios to which the UEEs belong. The non-arbitrage fee is not applied to purchases and sales made in the MI on the same portfolios.
[10] Export points not associated with the monitoring of cross-border trades.
[11] The compensatory component is not applied to purchases made in the MGP on the injection portfolios to which the UVEs belong. The non-arbitrage fee is not applied to purchases and sales made in the MI on the same portfolios.

Unit	Description	Category		Enabled for the ME	Enabled for the MSD	Submission of margins	Submission of nominations	Implicit Nomination
UAS	Individually enabled unit	Injection (UP)		YES	YES	Terna	BSP* *For storage UPs under Decree 210/21: i) Terna nominates the capacity associated with time-shifting contracts; ii) the BSP nominates the residual capacity not associated with time-shifting contracts.	YES If the BRP (or the delegated market participant) coincides with the BSP
		Withdrawal (UC)						NO If the BRP (or delegated market participant) does not coincide with the BSP
UnAP	Unit not enabled to be scheduled	Injection (UP)		YES	NO	Terna	BRP	YES The nomination is made by the BRP
		Withdrawal (UC)						
UVN	Nodal virtual unit	Injection (UP)	UVAN subset of the same BRP	YES	NO	Terna.	BSP* *For storage UPs under Decree 210/21: i) Terna nominates the capacity associated with time-shifting contracts; ii) the BSP nominates the residual capacity not associated with time-shifting contracts.	YES If the BRP (or the delegated market participant) coincides with the BSP
		Withdrawal (UC)						NO If the BRP (or delegated market participant) does not coincide with the BSP
UVZ	Zonal virtual unit (not enabled)	Injection (UP)	Other UPs or UCs of the same BRP	YES	NO	Terna for injection units BRP for withdrawal units	BRP (for injection UVZs) GME (UVZs FRNP for residual injection and for residual withdrawal UVZs)	YES The nomination is made by the BRP
		Withdrawal (UC)						
UVI	Virtual import unit	Cross-border trade Import not associated with scheduled cross-border trades	Set of UIs in the same zone	YES	NO	Terna	N/A	N/A
UVE	Virtual export unit	Cross-border trade Export not associated with scheduled cross-border trades	Set of UEs in the same zone	YES	NO	Terna	N/A	N/A

UIE	Cross-border import unit	Cross-border trade Import associated with scheduled cross-border trades	UIEs in the same zone	YES	NO	Terna	N/A	N/A
UEE	Cross-border export unit	Cross-border trade Export associated with scheduled cross-border trades	UEEs in the same zone	YES	NO	Terna	N/A	N/A
UVAN	Enabled nodal virtual unit	Set of UPs/UCs/UIs/UEs of the same BSP on the node		NO	YES	N/A	N/A	N/A
UVAZ	Enabled zonal virtual unit	Set of UPs/UCs/UIs/UEs of the same BSP in the zone		NO	YES	N/A	N/A	N/A
UCS	Commercial storage unit	Storage under Decree 210/21 (allocated under a time-shifting contract)		YES	NO	Terna	N/A (no nomination applies)	N/A