



GME's API Service
Technical Guide

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Introduction

This document deals with the use of the APIs that GME makes available to retrieve information published on its website.

Each section will describe the input parameters, the format, the content of the response to a request, and the possible error codes.

The formats for the response to a request are two: .json.zip and .xml.zip. The content of the response is always a string that encodes the content in base64.

1. Endpoint

GME's APIs respond to the following link:

- <https://api.mercatoelettrico.org/request>

The APIs make available the following interface:

- `/api/v1/Auth`: it obtains an authentication token
- `/api/v1/RequestData`: it queries the APIs to obtain the requested data
- `/api/v1/GetMyQuotas`: it obtains the current value of the quotas used by the user's requests.

2. Authentication

Through the `/api/v1/Auth` address, you may authenticate in order to obtain the token necessary to make subsequent requests, by entering your username and password (assigned by GME).

The returned value is a JWT that you must then use in the Authentication field of the HTTP header.

2.1. Request

- Method: POST
- Header fields: none
- Object to be submitted:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|------------------------------|
| Login | Stringa (string) | User's login assigned by GME |
| Password | Stringa (string) | Password assigned by GME |

Example:

```
{"Login": "nome_utente" (username), "Password": "password"}
```

2.2. Response

JSON object consisting of the following fields:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------|------------------|--------------------------------------------------------------------------------------------------|
| Success | bool | True if the authentication has been successful, false otherwise |
| token | Stringa (string) | JWT token. If the authentication has failed, the field will be empty |
| Reason | Stringa (string) | This field is populated only if Success is false; it indicates the reason authentication failure |

3. Data request

Through the `/api/v1/RequestaData` address, you may request information about the market results published on GME's website.

For each request, you must submit (in the HTTP header) the "Authorization" field with the value "Bearer XXX" where you must replace XXX with the JWT token obtained upon authentication.

3.1. Request

- Method: POST
- Header fields: Authorization
- Object to be submitted:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------------|-------------------------------------------------|-------------------------------------------------------------------------------|
| Platform | Stringa (string) | Name of the platform from which to retrieve the data |
| Segment | Stringa (string) | Segment for which you are requesting the data |
| DataName | Stringa (string) | Name of the requested data item |
| IntervalStart | Intero (integer) | Start date in the yyyyMMdd format |
| IntervalEnd | Intero (integer) | End date in the yyyyMMdd format |
| Attributes | Dizionario chiave/valore (key/value dictionary) | Possible list of additional attributes of the request in the key/value format |

Example:

```
{
  "Platform": "PublicMarketResults",
  "Segment": "MGP",
  "DataName": "ME_ZonalPrices",
  "IntervalStart": "20240101",
  "IntervalEnd": "20240115",
  "Attributes": {}
}
```

3.2. Response

JSON object consisting of the following fields:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------|------------------|-------------------------------------------------------------------------------------------|
| RequestId | Stringa (string) | Identification code of the request |
| FormatType | Stringa (string) | Type of format of the response |
| ResultRequest | Stringa (string) | Result of the request. If the request has failed, it indicates the reason for the failure |
| ContentResponse | Stringa (string) | Content of the response with the requested data |

If the request has been successful, the `FormatType` field is populated with `".json.zip"` and the `ContentResponse` is the base64 encoding of a `.zip` file that contains a `.json` file with the requested data.

4. User's quota request

Through the `/api/v1/GetMyQuotas` address, you may retrieve the current status of usage of the service and the consumption of quotas associated with the customer

4.1. Request

- Method: GET
- Header fields: Authorization
- Object to be submitted: none

4.2. RESPONSE

JSON object consisting of the following fields:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------------|------------------|---------------------------------------------------------|
| LastModifiedTime | DateTime | Date and time of last valid access |
| LastModifiedHour | DateTime | Time of last valid access (used to count hourly quotas) |
| ActiveConnections | Intero (integer) | Number of currently active connections requested |
| ConnectionsPerMinute | DateTime | Number of connections in the last minute |
| ConnectionsPerHour | DateTime | Number of connections in the last hour |
| DataPerMinute | DateTime | Number of data items downloaded in the last minute |
| DataPerHour | DateTime | Number of data items downloaded in the last hour |
| Limits | Limit | Complex object described in the following table |

Description of the Limit object that contains the limits of resources that the customer has available.

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------------------------|------------------|---------------------------------------------------------|
| MaxConcurrentConnections | Intero (integer) | Number of concurrent connections |
| MaxConnectionsPerMinute | Intero (integer) | Number of connections available in one minute |
| MaxConnectionsPerHour | Intero (integer) | Number of connections available in one hour |
| MaxDataPerMinute | Intero (integer) | Maximum number of data items downloadable in one minute |
| MaxDataPerHour | Intero (integer) | Maximum number of data items downloadable in one hour |

The number of data items is calculated by GME as the product of the number of objects and the number of fields.

5. DATA REQUEST for PublicMarketResults

The following is a description of the types of data that you may request via APIs and the corresponding response format when you query them by specifying the “**PublicMarketResults**” value in the Platform parameter.

This value enables you to download all the results of the markets of GME, as available on its website.

5.1. ENV_AuctionResults

Reference page:

- GOs (Guarantees of Origin): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/GO/Esiti/AsteGOGSE>

Input parameters:

- DataName: ENV_AuctionResults
- Segment: GOs

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-------------------------|------------------|----------------------------------------------------------------------|
| Date | Intero (integer) | Date on which the auction has been held, in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Type | Stringa (string) | Type of GO traded |
| ProductionPeriod | Stringa (string) | Production period |
| WeightedAverage | Decimal | Weighted average price |
| MaxPrice | Decimal | Maximum price |
| MinPrice | Decimal | Minimum price |
| Assigned | Decimal | Volume awarded in the auction for this type of GO and reference year |
| OfferedByGSE | Decimal | Volume offered for sale by GSE, in MWh |

5.2. ENV_Bilaterals

Reference pages:

- CV (Green Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/MercatiNonAttivi/CV/Esiti/BilateraliCV>
- GOs (Guarantees of Origin): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/GO/Esiti/Bilaterali>
- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Esiti/BilateraliTEE>

Input parameters:

- DataName: ENV_Bilaterals
- Segment: CV, GO, TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ReferencePeriod | Intero (integer) | Reference month in the yyyyMM format for Green Certificates and Guarantees of Origin, and reference day in the yyyyMMdd format for Energy Efficiency Certificates |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Type | Stringa (string) | Type of certificate or GO |
| ReferenceYear | Intero (integer) | Reference year |
| WeightedAveragePrice | Decimal | Weighted average price |
| MaxPrice | Decimal | Maximum price |
| MinPrice | Decimal | Minimum price |
| Volumes | Decimal | Volume traded, in MWh |

5.3. ENV_BulletinBoard

Reference page:

- GOs: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/GO/Esiti/BachecaGO>

Input parameters:

- DataName: ENV_BulletinBoard
- Segment: GOs

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------|
| ReferencePeriod | Intero (integer) | Reference month in the yyyyMM format |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Sector | Stringa (string) | Electricity or Natural Gas |

| | | |
|-----------------------------|------------------|---------------------------------------------|
| Type | Stringa (string) | Type of GO (e.g.: Other, Bio, Hydro, Solar) |
| WeightedAveragePrice | Decimal | Weighted average price |
| Volumes | Decimal | Volumes |
| ConfirmedNotices | Decimal | Number of notices confirmed |

5.4. ENV_CVAuctionResults

Reference page:

CV (Green Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/MercatiNonAttivi/CV/Esiti/SessioniGSE>

Input parameters:

- DataName: ENV_CVAuctionResults
- Segment: CV (Green Certificates)

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------|------------------|-------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| ReferencePeriod | Stringa (string) | Reference period |
| Type | Stringa (string) | Type of certificate |
| TradedVolumes | Intero (integer) | Number of volumes traded |
| GSEOffer | Intero (integer) | Volumes offered by GSE |
| MinPrice | Decimal | Minimum price |
| MaxPrice | Decimal | Maximum price |
| WithdrawalPrice | Decimal | Withdrawal price |
| ReferencePrice | Decimal | Reference price |

5.5. ENV_HourlyPrice

Reference pages:

- GOs: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/GO/Esiti/Mercato> (“Dettaglio transazioni”/transaction details button)
- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Esiti/InfrasessioneTEE>

Input parameters:

- DataName: ENV_HourlyPrice
- Segment: GOs, TEE (Energy Efficiency Certificates)

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------|
| Date | DateTime | Transaction date |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Type | Stringa (string) | Type traded |
| ReferencePeriod | Stringa (string) | Reference period |
| Price | Decimal | Matching price |
| Volumes | Decimal | Matched volumes |

5.6. ENV_MCICResults

Reference page:

- MCIC: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/Biocarburanti/MCIC>

Input parameters:

- DataName: ENV_MCICResults
- Segment: MCIC

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|--------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| Type | Stringa (string) | Each of the types of CICs (Certificates of Release to Consumption of Biofuels) tradable in |

| | | |
|-----------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|
| | | the market, specified in Technical Rule no. 03 MCIC |
| Source | Stringa (string) | Type of biofuel to which the issued CIC refers |
| YearOfValidity | Intero (integer) | Year to which the issued CIC refers |
| ReferencePrice | Decimal | For each order book, the average price of all transactions concluded during the market session, weighted for the related volumes |
| MaxPrice | Decimal | For each order book, the maximum price of all transactions concluded during the market session |
| MinPrice | Decimal | For each order book, the minimum price of all transactions concluded during the market session |
| Volumes | Decimal | Volumes of CICs traded in the market session |

5.7. ENV_PDCOilResults

Reference page:

- PDC-OIL: <https://www.mercatoelettrico.org/it-it/Home/Accesso-ai-Mercati/Carburanti/PdcOil/RilevazioneAnnuale/DatiAggregati>

Input parameters:

- DataName: ENV_PDCOilResults
- Segment: PDC-OIL

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|--------------------------------|------------------|---------------------------|
| ReferenceYear | Intero (integer) | Year in the yyyy format |
| MacroArea | Stringa (string) | Aggregation area |
| AuthorisedCapacity | Decimal | Authorised capacity |
| ProductionCapacity | Decimal | Operational capacity |
| UsableTechnicalCapacity | Decimal | Usable technical capacity |

5.8. ENV_PLogistic

Reference page:

P-Logistics: <https://www.mercatoelettrico.org/it-it/Home/Accesso-ai-Mercati/Carburanti/PLogistica/Annunci>

Input parameters:

- DataName: ENV_PLogistic
- Segment: P-Logistics

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|--------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Last update date in the yyyyMMdd format |
| Service | Stringa (string) | - Transit service: receiving (ex depot), storing, handling, and redelivering mineral oils admitted to the P-Logistics. - Storage service: making available a given volume for a given period of time, receiving and delivering (ex depot) mineral oils admitted to the P-Logistics. |
| Location | Stringa (string) | Area in which the service is located |
| Amount | Decimal | Volume covered by the announcements present in the bulletin board during the reference day |
| Announcements | Intero (integer) | Number of announcements present in the bulletin board during the reference day |
| UnitOfMeasurement | Stringa (string) | Unit of measurement of the Amount field |

5.9. ENV_Results

Reference pages:

- CV (Green Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/MercatiNonAttivi/CV/Esiti/MercatoCV>
- GOs: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/GO/Esiti/Mercato>
- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Esiti/MercatoTEE>

Input parameters:

- DataName: ENV_Results
- Segment: CV, GO, TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------|------------------|-------------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Type | Stringa (string) | Type of certificate or type of energy |
| ReferencePeriod | Stringa (string) | Reference period |
| ReferencePrice | Decimal | Reference price of the session |
| MaxPrice | Decimal | Maximum price of the session |
| MinPrice | Decimal | Minimum price of the session |
| TradedVolumes | Decimal | Number of volumes traded in the session |

5.10. ENV_TEEAvailableCertificates

Reference page:

- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Statistiche/TitoliDisponibili>

Input parameters:

- DataName: ENV_TEEAvailableCertificates
- Segment: TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------|------------------|-----------------------------------------------------------------------------------|
| LastUpdateDate | Intero (integer) | Date, in the yyyyMMdd format, of the last update of the corresponding certificate |
| Type | Stringa (string) | Type of certificate |
| Available | Intero (integer) | Number of available certificates |

| | | |
|-------------------------|------------------|------------------------------------------|
| Issued | Intero (integer) | Number of certificates issued |
| Withdrawn | Intero (integer) | Number of certificates withdrawn |
| Cancelled | Intero (integer) | Number of certificates cancelled |
| Blocked | Intero (integer) | Number of certificates blocked |
| BilateralBlocked | Intero (integer) | Number of bilateral certificates blocked |
| AvailableGSE | Intero (integer) | Number of available GSE's certificates |

5.11. ENV_TEEIssuedCertificates

Reference page:

- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Statistiche/TitoliEmessi>

Input parameters:

- DataName: ENV_TEEIssuedCertificates
- Segment: TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Date in the yyyyMMdd format |
| CumulatedDataPeriod | Stringa (string) | Cumulated data period (the "Infrasessione"/intrasession value indicates the cumulated data of the current session and of the previous one) |
| Type_I | Intero (integer) | Certificates of Type I |
| Type_II | Intero (integer) | Certificates of Type II |
| Type_II_HEC | Intero (integer) | Certificates of Type II CAR (High-Efficiency Cogeneration) |
| Type_III | Intero (integer) | Certificates of Type III |
| Type_IV | Intero (integer) | Certificates of Type IV |
| Type_V | Intero (integer) | Certificates of Type V |
| Total | Intero (integer) | Total of all certificates |

5.12. ENV_TEERelevantPrice

Reference pages:

- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Esiti/MercatoTEE> (information necessary to calculate the tariff contribution) – until September 2018
- TEE: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Esiti/BilateraliTEE> (information necessary to calculate the tariff contribution) – since September 2018

Input parameters:

- DataName: ENV_TEERelevantPrice
- Segment: TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------------|------------------|----------------------------------------------------------------------------------|
| Date | Intero (integer) | Date in the yyyyMMdd format |
| Type | Stringa (string) | Type of certificates or “BIL”, when the calculation is based on bilateral trades |
| WeightedAveragePrice | Decimal | Weighted average price |
| AlphaSubtracted | Decimal | WeightedAveragePrice * (1 - α) |
| AlphaAdded | Decimal | WeightedAveragePrice * (1 + α) |
| RelevantVolume | Intero (integer) | Relevant volumes |
| VolumesUnder260 | Intero (integer) | Relevant volumes at a price <= 260 €/toe |

5.13. ENV_TEETariffContribution

Reference page:

- TEE (Energy Efficiency Certificates): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Statistiche/SintesiAnnoObbligo> (Information necessary to calculate the tariff contribution)

Input parameters:

- DataName: ENV_TEETariffContribution
- Segment: TEE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------------------|------------------|-------------------------------|
| YearObligation | Stringa (string) | Year of obligation |
| EstimatedTariffContribution | Decimal | Estimated tariff contribution |

5.14. GAS_ContinuousTrading

Reference page:

- MGP-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGP-GAS/Esiti/NegoziazioneContinua>
- MI-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MI-GAS/Esiti/NegoziazioneContinua>
- MT-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MT-GAS/Esiti/MT-GAS>

Input parameters:

- DataName: GAS_ContinuousTrading
- Segment: MGP-GAS, MI-GAS, MT-GAS

Returned value:

| Campo (field) | Tipo | Descrizione (description) |
|---------------------|------------------|--------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter (without the "-GAS" suffix) |
| Product | Stringa (string) | Name of the product |
| FirstPrice | Decimal | First matching price of the session |
| LastPrice | Decimal | Last matching price of the session |
| MinPrice | Decimal | Minimum price of trades concluded in the session |
| MaxPrice | Decimal | Maximum price of trades concluded in the session |
| AveragePrice | Decimal | Average, weighted for the related volumes, of the prices of all the contracts concluded in the session |
| CheckPrice | Decimal | Today's check price (calculated on the basis of the results of the |

| | | |
|------------------------|------------------|------------------------------------------------------------------------------------|
| | | current session) will be used for adequacy verifications in the subsequent session |
| MWVolumes | Decimal | Volumes of natural gas covered by the contracts traded in the market, in MW |
| MWhVolumes | Decimal | Volumes of natural gas covered by the contracts traded in the market, in MWh |
| PurchasingPrice | Decimal | Purchasing price |
| SellingPrice | Decimal | Selling price |
| OTCMWVolumes | Intero (integer) | Volumes (in MW) matched with OTC trades |
| OTCMWhVolumes | Intero (integer) | Volumes (in MWh) matched with OTC trades |
| OpenPositions | Intero (integer) | Value of the open position for this product |
| Matches | Intero (integer) | Number of matches |

5.15. GAS_DemandAndSupply

Reference page:

- MGP-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGP-GAS/Esiti/DomandaOffertaAsta#IntestazioneGrafico>
- MI-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MI-GAS/Esiti/DomandaOffertaAsta#IntestazioneGrafico>
- MGS-*: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGS/Esiti/DomandaOffertaMGS#IntestazioneGrafico>
- PB-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MercatiNonAttivi/PB-GAS/CompartoGp1/Esiti>
- PBZ-*: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MercatiNonAttivi/PB-GAS/CompartoGm1/Esiti>

Input parameters:

- DataName: GAS_DemandAndSupply
- Segment: MGP-GAS, MI-GAS, MGS-Edison, MGS-Stogit, MGS-Adriatica, PB-GAS, PBZ-Edison stoccaggi, PBZ-G+1, PBZ-G+N, PBZ-Import, PBZ-Linepack, PBZ-LNG, PBZ-PSV, PBZ-Reintegro Stogit, PBZ-Risorse PSV, PBZ-Stogit

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter (for the MGP-GAS and MI-GAS, the “-GAS” suffix is not indicated) |
| Type | Stringa (string) | Purchase or sale |
| Volumes | Decimal | Volumes being purchased or sold |
| AuctionPrice | Decimal | Awarded price in the auction |
| Price | Decimal | Offered price |

5.16. GAS_IGIndex

Reference page:

- IGI: <https://www.mercatoelettrico.org/it-it/Home/Pubblicazioni/Indici-GME/IGIndexGmeEsiti#menuAnchor>

Input parameters:

- DataName: GAS_IGIndex
- Segment: IGI

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Product | Stringa (string) | Name of the product |
| Price | Decimal | IGI value |

5.17. GAS_ImbalancePrice

Reference page:

- GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/PrezzoSbilanciamento/Esiti/PrezzoSbilanciamento>

Input parameters:

- DataName: GAS_ImbalancePrice
- Segment: GAS

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| MaxPurchaseSRGPrice | Decimal | The highest among the prices of all purchases, of title products, concluded on the MGAS platform by SRG under the continuous trading mechanism and, only in the cases referred to in art. 2, para. 2.3 e) sub ii) of the TIB (<i>Testo Integrato del Bilanciamento/Integrated Text of Balancing</i>), of locational products traded in the MPL |
| MinSaleSRGPrice | Decimal | The lowest among the prices of all sales, of title products, concluded on the MGAS platform by SRG under the continuous trading mechanism and, only in the cases referred to in art. 2, para. 2.3 e) sub ii) of TIB, of locational products traded in the MPL |
| WeightedAveragePrice | Decimal | Average, weighted for the related volumes, of the prices of all bids/offers accepted under continuous trading on the MGAS platform and, only in the cases referred to in art. 2, para. 2.3 e) sub ii) of TIB, of locational products traded in the MPL |
| MGASVolumes | Decimal | Overall volume of bids/offers accepted on the MGAS platform |

5.18. GAS_MGASAuctionResults

Reference page:

- MGP-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGP-GAS/Esiti/Asta#IntestazioneGrafico>
- MI-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MI-GAS/Esiti/Asta#IntestazioneGrafico>

Input parameters:

- DataName: GAS_MGASAuctionResults
- Segment: MGP-GAS, MI-GAS

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|--------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter (without the “-GAS” suffix) |
| Product | Stringa (string) | Name of the product |
| Price | Decimal | Remuneration price referred to in art. 103 of the Natural Gas Market Rules |
| TotalVolumesMW | Decimal | Accepted volumes (in MW) as referred to in art. 103 of the Natural Gas Market Rules |
| TotalVolumesMWh | Decimal | Accepted volumes (in MWh) as referred to in art. 103 of the Natural Gas Market Rules |
| PurchasesTSO | Decimal | Purchase volumes accepted by Snam Rete Gas |
| SalesTSO | Decimal | Sale volume accepted by Snam Rete Gas |

5.19. GAS_ MGSAuctionResults

Reference page:

- MGS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGS/Esiti/MGS#IntestazioneGrafico>

Input parameters:

- DataName: GAS_MGSAuctionResults
- Segment: MGS

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| StorageCompany | Stringa (string) | Storage company |
| Type | Stringa (string) | Balancing: to manage any imbalance expected between overall injections into and withdrawals from the network under security conditions, |

| | | |
|---------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <p>pursuant to art. 2.5, Annex A to ARERA’s resolution 312/2016/R/gas</p> <p>Neutrality: Purchases/sales of stored gas made by SRG pursuant to arts. 8.7, 8.8, and 8.9, Annex A to ARERA’s resolution 312/2016/R/gas</p> <p>Other: Purchases/sales of stored gas made by SRG pursuant to art. 7.1 ARERA’s resolution 312/2016/R/gas</p> |
| Price | Decimal | Remuneration price of accepted supply offers and demand bids; the total price is calculated as the average of prices, weighted for the overall volumes traded at each storage system |
| Volumes | Decimal | Volume of stored gas traded in the session |
| SRGPurchases | Decimal | Purchases by Snam Rete Gas (SRG) |
| SRGSales | Decimal | Sales by SRG |
| Participants | Intero (integer) | Number of participants (excluding SRG) with at least one accepted bid/offer |

5.20. GAS_MPLAuctionResults

Reference page:

- MPL: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MPL/Esiti>

Input parameters:

- DataName: GAS_MPLAuctionResults
- Segment: MPL

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|--------------------|------------------|-----------------------------------------------------------------------------------------------------------------------|
| SessionDate | Intero (integer) | Session date in the yyyyMMdd format |
| GasDay | Intero (integer) | The consecutive 24-hour period starting at 6:00 of each calendar day and ending at 6:00 of the following calendar day |

| | | |
|---------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reason | Stringa (string) | It indicates the reason underlying the bid/offer submitted by SRG: - 'Operativo' (operational) to manage physical requirements inside the balancing zone; - 'Bilanciamento' (balancing) to manage any imbalance expected between overall injections into and withdrawals from the network under security conditions |
| Type | Stringa (string) | Type of bid/offer (demand bid/supply offer) submitted by Snam Rete Gas (SRG) |
| Price | Decimal | Remuneration price of accepted supply offers and demand bids |
| OfferPoint | Stringa (string) | Point of entry into and/or exit from the transmission network to which the traded volumes refer |
| Volumes | Decimal | Volume of natural gas traded in the session |
| SRGVolumes | Decimal | Volume of natural gas matched by SRG |
| Participants | Intero (integer) | Number of participants (excluding SRG) with at least one accepted bid/offer |

5.21. GAS_PBAuctionResults

Reference page:

- PB-GAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MercatiNonAttivi/PB-GAS/CompartoGm1/Esiti>

Input parameters:

- DataName: GAS_PBAuctionResults
- Segment: PB-GAS

Returned value:

| Campo (field) | Tipo | Descrizione (description) |
|-----------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Zone | Stringa (string) | Market zone or resources |

| | | |
|---------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limit | Decimal | Maximum volume of gas for purchase, net of sales, or for sale, net of purchases, which may be covered by trades in the G-1 segment by using one or more flexible resources |
| Price | Decimal | Remuneration price of accepted supply offers and demand bids |
| Capacity | Decimal | Volume of gas covered by trades in the G-1 segment and using one or more flexible resources |
| OfferedPrice | Decimal | Price associated with the demand bid or supply offer submitted by the Balance Responsible Party (BRP) |
| Participants | Intero (integer) | Number of participants with at least one accepted bid/offer |
| Unit | Stringa (string) | Unit of volumes, GJ or MW |

5.22. GAS_PARResults

Reference page:

- PAR: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/PAR/Esiti>

Input parameters:

- DataName: GAS_PARResults
- Segment: PAR

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Company | Stringa (string) | Company |
| Product | Stringa (string) | Name of the product |
| RelevantPeriod | Stringa (string) | Relevant period |
| AveragePrice | Decimal | Average of remuneration prices of each accepted bid/offer, weighted for the related volumes. For the "Capacità non più conferibile in asta" (capacity no longer available in auction) product, it refers to the offered price |

| | | |
|-------------------|------------------|----------------------------------------------------------------------|
| SlotNumber | Intero (integer) | Total number of slots allocated |
| Quantity | Decimal | Total volume of liquefied natural gas covered by the allocated slots |
| Operators | Intero (integer) | Number of allocatee participants |

5.23. GAS_PGasResults

Reference page:

- IM (Imports Segment): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/P-GAS/CompartoImport/QuoteImport>
- RO (Royalties Segment): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/P-GAS/CompartoAliquote/Esiti>
- SV (Segment as per Legislative Decree 130/10): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/P-GAS/CompartoExDlgs13010/Esiti>

Input parameters:

- DataName: GAS_PGasResults
- Segment: IM, RO, SV

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------|------------------|----------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Product | Stringa (string) | Name of the product |
| MinPrice | Decimal | Minimum price of transactions concluded in the session |
| MaxPrice | Decimal | Maximum price of transactions concluded in the session |
| ReferencePrice | Decimal | Average price of all transactions concluded in the session, weighted for the related volumes |
| Contracts | Decimal | Number of contracts traded in the session (one transaction may cover multiple contracts) |

| | | |
|----------------|---------|----------------------------------------------------|
| Volumes | Decimal | Volumes of natural gas covered by contracts traded |
|----------------|---------|----------------------------------------------------|

5.24. GAS_PGRResults

Not yet active market

Input parameters:

- DataName: GAS_PGRResults
- Segment: PGR

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| VolumeOfferedByGSE | Decimal | Overall volume of gas covered by the supply offer, notified by GSE to GME, to be allocated as part of allocation procedures on the PGR, as per art. 16, para. 8 of Law Decree no. 17 of 1 March 2022, as amended and converted into Law no. 34 of 27 April 2022, as replaced by art. 2, para. 1 of Law Decree no. 181 of 9 December 2023, converted into Law no. 11 of 2 February 2024, corresponding to the gas volumes made available by holders of gas exploitation concessions that have participated in procedures for long-term procurement of nationally produced natural gas organised by GSE under art. 16, para. 1 of the Decree |
| RemunerationPrice | Decimal | Remuneration price of accepted demand bids |
| VolumeOfferedByParticipants | Decimal | Overall volume of gas offered for purchase by participants |
| VolumeAllocated | Decimal | Overall volume of gas allocated |

| | | |
|--------------------------|------------------|----------------------------------|
| NumberOfAllocates | Intero (integer) | Number of allocatee participants |
|--------------------------|------------------|----------------------------------|

5.25. ME_AdditionalDemand

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/OfferteIntegrative#IntestazioneGrafico>

Input parameters:

- DataName: ME_AdditionalDemand
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-----------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Zone | Stringa (string) | Market zone |
| Type | Stringa (string) | Type of bid/offer: demand bid or supply offer |
| Quantity | Decimal | Volume being purchased or sold |

5.26. ME_Cip6

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/InformazioniPreliminari/CIP6>

Input parameters:

- DataName: ME_Cip6
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |

| | | |
|----------------|------------------|------------------|
| Zone | Stringa (string) | Market zone |
| Volumes | Decimal | Value of volumes |

5.27. ME_ConventionalPrices

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/InformazioniPreliminari/PrezziConvenzionali>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/InformazioniPreliminari/PrezziConvenzionali>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/InformazioniPreliminari/PrezziConvenzionali>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/InformazioniPreliminari/PrezziConvenzionali>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/InformazioniPreliminari/PrezziConvenzionali>
- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/InformazioniPreliminari/PrezziConvenzionali>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/InformazioniPreliminari/PrezziConvenzionali>
- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/InformazioniPreliminari/PrezziConvenzionali>
- MA: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MA/InformazioniPreliminari/PrezziConvenzionali>

Input parameters:

- DataName: ME_ConventionalPrices
- Segment: MGP, MI1, MI2, MI3, MI4, MI5, MI6, MI7, MA

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Market zone |

| | | |
|--------------|---------|--------------------|
| Price | Decimal | Conventional price |
|--------------|---------|--------------------|

5.28. ME_Demand

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/Fabbisogno>

Input parameters:

- DataName: ME_Demand
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Market zone |
| Demand | Decimal | Value of requirements |

5.29. ME_DemandAndSupply

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/DomandaOfferta>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Esiti/Domanda-Offerta>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/Esiti/Domanda-Offerta>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A3/Esiti/Domanda-Offerta>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/Esiti/Domanda-Offerta>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/Esiti/Domanda-Offerta>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/Esiti/Domanda-Offerta>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/Esiti/Domanda-Offerta>

- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/Esiti/Domanda-Offerta>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/Esiti/Domanda-Offerta>
- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/Esiti/Domanda-Offerta>

Input parameters:

- DataName: ME_DemandAndSupply
- Segment: MGP, MI-A1, MI-A2, MI-A3, MI1, MI2, MI3, MI4, MI5, MI6, MI7

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------|------------------|-----------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| MarketZone | Stringa (string) | Market zone resulting from the market |
| Type | Stringa (string) | Type of bid/offer: demand bid, supply offer, or block bid/offer |
| Quantity | Decimal | Sum of volumes offered in the market zone at the Price price |
| AcceptedQuantity | Decimal | Sum of volumes accepted at the Price price |
| ZonalPrice | Decimal | Awarded price in the market zone |
| Price | Decimal | Offered price |

5.30. ME_EuropeanExchanges

Reference page:

MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Statistiche/BorseEuropee>

Input parameters:

- DataName: ME_EuropeanExchanges

- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|------------------------------|------------------|-------------------------------------------------------------------------------------------|
| ReferencePeriod ¹ | Intero (integer) | Price reference period; yyyy format (for yearly data) or yyyyMM format (for monthly data) |
| Ipex_Pun | Decimal | Average price on the exchange in the reference period |
| EEX | Decimal | Average price on the exchange in the reference period |
| EXAA | Decimal | Average price on the exchange in the reference period |
| NORDPOOL | Decimal | Average price on the exchange in the reference period |
| OMEL | Decimal | Average price on the exchange in the reference period |
| POWERNEXT | Decimal | Average price on the exchange in the reference period |

5.31. ME_ForecastDemand

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricita/MGP/InformazioniPreliminari/StimeDelFabbisogno>

Input parameters:

- DataName: ME_ForecastDemand
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |

¹ The system will return the months and years included in the IntervalStart and IntervalEnd parameters. For instance, with the IntervalStart parameter = 20250125 and IntervalEnd parameter = 20250306, the months 202501, 202502, 202503, and the year 2025 will be returned. The prices always refer to the entire period, regardless of the days specified in IntervalStart and IntervalEnd.

| | | |
|----------------|------------------|-------------------------------------------|
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Reference zone |
| Volumes | Stringa (string) | Estimated volume of requirements, in MWh |

5.32. ME_GeneralisedConstraints

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MGP/InformazioniPreliminari/VincoliGeneralizzati>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A1/InformazioniPreliminari/VincoliGeneralizzati>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A2/InformazioniPreliminari/VincoliGeneralizzati>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A3/InformazioniPreliminari/VincoliGeneralizzati>

Input parameters:

- DataName: ME_GeneralisedConstraints
- Segment: MGP, MI-A1, MI-A2, MI-A3

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------|------------------|-------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| From | Stringa (string) | Start-of-transit zone |
| To | Stringa (string) | End-of-transit zone |
| ConstraintFrom | Decimal | Constraint on the transit from the zone From to the zone To |
| ConstraintTo | Decimal | Constraint on the transit from the zone To to the zone From |

5.33. ME_HourlyPrice

Reference page:

- XBID (60 minutes): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-XBID/Esiti-Totale/Infrasessione>
- XBID (15 minutes): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-XBID15m/Esiti-Totale/Infrasessione>

Input parameters:

- DataName: ME_HourlyPrice
- Segment: XBID

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|-------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 (only for 15-minute products) |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Market zone |
| Volumes | Decimal | Matched volume in MWh |
| MatchingPrice | Decimal | Matching price |
| Timestamp | Datetime | Time of matching |

5.34. ME_Liquidity

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/Liquidità>

Input parameters:

- DataName: ME_Liquidity
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|--------------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Liquidity | Decimal | Value of liquidity |
| ExchangeVolumes | Decimal | Value of on-exchange volumes |
| OffExchangeVolumes | Decimal | Value of off-exchange volumes |

5.35. ME_MarketCoupling

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/MarketCoupling>

Input parameters:

- DataName: ME_MarketCoupling
- Segment: MGP

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Coupled zone |
| ImportLimit | Decimal | Maximum capacity of transmission of energy to the zone indicated in the Zone field |

| | | |
|--------------------|---------|--------------------------------------------------------------------------------------|
| ExportLimit | Decimal | Maximum capacity of transmission of energy from the zone indicated in the Zone field |
| ImportFlow | Decimal | Volume of energy transmitted to the zone indicated in the Zone field |
| ExportFlow | Decimal | Volume of energy transmitted from the zone indicated in the Zone field |

5.36. ME_MBResults

Reference page:

- MB: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricita/MSD/MBPreliminari>

Input parameters:

- DataName: ME_MBResults
- Segment: MB

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------------------|------------------|---------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Zone | Stringa (string) | Market zone |
| ServiceType | Stringa (string) | Total (TT), Secondary Reserve (RS), Other Services (AS) |
| VolumesSoldRevoked | Decimal | Sold volumes revoked |
| VolumesSoldNotRevoked | Decimal | Sold volumes not revoked |
| VolumesPurchasedRevoked | Decimal | Purchased volumes revoked |
| VolumesPurchasedNotRevoked | Decimal | Purchased volumes not revoked |
| MinimumPurchasingPrice | Decimal | Minimum purchasing price |
| AveragePurchasingPrice | Decimal | Average purchasing price |
| MaximumSellingPrice | Decimal | Maximum selling price |
| AverageSellingPrice | Decimal | Average selling price |

5.37. ME_MLFResults

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MLF/MLP-Flex/Esiti/MGP-Flex>
- MLT: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MLF/MLT-Flex/Esiti>

Input parameters:

- DataName: ME_MLFResults
- Segment: MGP, MLT

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| DSOCode | Stringa (string) | DSO code |
| DSOName | Stringa (string) | DSO name |
| Product | Stringa (string) | Name of the product |
| QuartersOfAnHour | Intero (integer) | Total number of quarter-hours pertaining to the product |
| AveragePriceOfAvailability | Decimal | Average, weighted with the related volumes, of the prices offered by the participant for the availability to provide step-up or step-down local ancillary services, and accepted in the market |
| AveragePurchasePriceForPowerVariation | Decimal | Average, weighted with the related volumes, of the prices offered for purchase for the capacity change, if the DSO uses the availability for supplying step-down local ancillary services, and accepted in the market |
| AverageSalePriceForPowerVariation | Decimal | Average, weighted with the related volumes, of the prices offered for sale for the capacity change, if the DSO uses the availability for supplying local step-up ancillary services, and accepted in the market |

| | | |
|-------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AcceptedTotalAmountMWh | Decimal | Sum of volumes offered by the participant for the availability to provide step-up or step-down local ancillary services, and accepted in the market |
| RejectedTotalAmountMWh | Decimal | Sum of volumes offered by the participant for the availability to provide step-up or step-down ancillary services, and not accepted in the market |
| AcceptedTotalAmountKWh | Decimal | Sum of volumes offered by the participant for the availability to provide step-up or step-down local ancillary services, and accepted in the market, expressed in kW |
| RejectedTotalAmountKWh | Decimal | Sum of volumes offered by the participant for the availability to provide step-up or step-down local ancillary services, and not accepted in the market, expressed in kW |
| MarketParticipants | Intero (integer) | Number of participants with adequate bids/offers |
| Preliminary | Boolean | Flag distinguishing between Preliminary or Final results |

5.38. ME_MPEGResults

Reference page:

- MPEG: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MPEG/Esiti/Baseload>

Input parameters:

- DataName: ME_MPEGResults
- Segment: MPEG

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------|------------------|-------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| Product | Stringa (string) | Name of the product |

| | | |
|---------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Profile | Stringa (string) | Baseload (BSLD) or Peakload (PEAK) |
| OpenPosition | Decimal | For each type of contract, it is the sum of the contractual buy/sell positions of market participants accrued since the first day of trading |
| MinPrice | Decimal | Minimum price of trades concluded in the session |
| MaxPrice | Decimal | Maximum price of trades concluded in the session |
| RefPrice | Decimal | Average, weighted for the related volumes, of the prices of all contracts concluded in the session |
| MWVolumes | Decimal | Number of contracts traded in the market session (one contract is set equal to 1 MW) |
| MWhVolumes | Decimal | Volumes of electricity covered by the contracts traded in the market |

5.39. ME_ MSDExAnteResults

Reference page:

- MSD: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/ExAnte/Esiti>

Input parameters:

- DataName: ME_MSDExAnteResults
- Segment: MSD

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-------------------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Zone | Stringa (string) | Market zone |
| VolumesPurchased | Decimal | Volumes purchased, in MWh |
| VolumesSold | Decimal | Volumes sold, in MWh |

| | | |
|-------------------------------|---------|--------------------------|
| MinimumPurchasingPrice | Decimal | Minimum purchasing price |
| AveragePurchasingPrice | Decimal | Average purchasing price |
| MaximumSellingPrice | Decimal | Maximum selling price |
| AverageSellingPrice | Decimal | Average selling price |

5.40. ME_MSDExPostResults

Reference page:

- MSD: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/ExPost/Esiti>

Input parameters:

- DataName: ME_MSDExPostResults
- Segment: MSD

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-------------------------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Zone | Stringa (string) | Market zone |
| VolumesPurchased | Decimal | Volumes purchased, in MWh |
| VolumesSold | Decimal | Volumes sold, in MWh |
| MinimumPurchasingPrice | Decimal | Minimum purchasing price |
| AveragePurchasingPrice | Decimal | Average purchasing price |
| MaximumSellingPrice | Decimal | Maximum selling price |
| AverageSellingPrice | Decimal | Average selling price |

5.41. ME_MTEResults

Reference page:

- MTE: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MTE/Esiti>

Input parameters:

- DataName: ME_MTEResults
- Segment: MTE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|--------------------------|------------------|----------------------------------------------------------------------------------------------------|
| Date | Intero (integer) | Session date in the yyyyMMdd format |
| Product | Stringa (string) | Name of the product |
| LastPurchasePrice | Decimal | Last matching price for purchase in the session |
| LastSalePrice | Decimal | Last matching price for sale in the session |
| MinPrice | Decimal | Minimum price of trades concluded in the session |
| MaxPrice | Decimal | Maximum price of trades concluded in the session |
| FirstMatchedPrice | Decimal | Price of the first bid/offer in the merit order at the end of the session |
| LastMatchedPrice | Decimal | Price of the last bid/offer in the merit order at the end of the session |
| RefPrice | Decimal | Average, weighted for the related volumes, of the prices of all contracts concluded in the session |
| MWVolumes | Decimal | Number of contracts traded in the market session (one contract is set equal to 1 MW) |
| MWhVolumes | Decimal | Volumes of electricity covered by the contracts traded in the market |
| MWOTCVolumes | Decimal | Number of contracts traded in the session on the OTC platform (one contract is set equal to 1 MW) |
| MWhOTCVolumes | Decimal | Volumes of electricity covered by the contracts traded on the OTC platform |
| OpenPosition | Decimal | For each type of contract, it is the sum of contractual buy/sell positions |

| | | |
|------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | of market participants accrued since the first day of trading |
| MWhOpenPosition | Decimal | For each type of contract, it is the sum of the volumes of electricity covered by the contractual buy/sell positions of market participants accrued since the first day of trading |
| CheckPrice | Decimal | Today's check price (calculated on the basis of the results of the current session) will be used for adequacy verifications in the subsequent session |

5.42. ME_PABResults

Reference page:

- PAB: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit /MercatiNonAttivi/PAB/Esiti/PAB>

Input parameters:

- DataName: ME_PABResults
- Segment: PAB

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Zone | Stringa (string) | Market zone |
| Volumes | Decimal | Volumes |

5.43. ME_PCEResults

Reference page:

- PCE (Forward Account Registration Platform): <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit /PCE/Esiti/PCE>

Input parameters:

- DataName: ME_PCEResults
- Segment: PCE

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------------|------------------|---------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Type | Stringa (string) | Type of transactions registered |
| InjectionIndex | Decimal | Index of injection accounts |
| InjectionStructure | Decimal | Percentage structure of injection accounts |
| InjectionVolumes | Decimal | Volumes (in MWh) of injection accounts |
| WithdrawalIndex | Decimal | Index of withdrawal accounts |
| WithdrawalStructure | Decimal | Percentage structure of withdrawal accounts |
| WithdrawalVolumes | Decimal | Volumes (in MWh) of withdrawal accounts |

5.44. ME_PPANotices

Reference page:

PPA (Power Purchase Agreements): <https://www.mercatoelettrico.org/it-it/Home/Accesso-ai-Mercati/Elettricit/BachecaPPA/AnnunciPPA>

Input parameters:

- DataName: ME_PPANotices
- Segment: PPA

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------------------------------------------------------------------|
| PublicationDate | Intero (integer) | Date of publication in the yyyyMMdd format |
| Capacity | Stringa (string) | Overall capacity of the plant or plants associated with the ad, expressed in MW |
| Type | Stringa (string) | Purchase or sale |
| Quantity5Years | Decimal | Sum of total volumes of the contracts covered by the ads with a duration of 5 years, expressed in MWh |

| | | |
|------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------|
| Notices5Years | Intero (integer) | Number of ads present in the bulletin board upon the update date and pertaining to contracts with a duration of 5 years |
| QuantityP5Years | Decimal | Sum of the total volumes of the contracts covered by the ads with a duration of more than 5 years, expressed in MWh |
| NoticesP5Years | Intero (integer) | Sum of the total volumes of the contracts covered by the ads with a duration of more than 5 years, expressed in MWh |

5.45. ME_RampConstraints

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MGP/InformazioniPreliminari/VincoliDiRampa>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A1/InformazioniPreliminari/VincoliDiRampa>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A2/InformazioniPreliminari/VincoliDiRampa>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit/MI/MI-A3/InformazioniPreliminari/VincoliDiRampa>

Input parameters:

- DataName: ME_RampConstraints
- Segment: MGP, MI-A1, MI-A2, MI-A3

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|--------------------|-------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | xStringa (xstring) | Market requested by the Segment parameter |
| From | Stringa (string) | Start-of-transit zone |
| To | Stringa (string) | End-of-transit zone |

| | | |
|-----------------|---------|-----------------------------------------------------------------------|
| RampFrom | Decimal | Value (in MW) of the constraint between the zone From and the zone To |
| RampTo | Decimal | Value (in MW) of the constraint between the zone To and the zone From |

5.46. ME_Transits

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/Transiti>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Esiti/Transiti>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/Esiti/Transiti>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A3/Esiti/Transiti>

Input parameters:

- DataName: ME_Transits
- Segment: MGP, MI-A1, MI-A2, MI-A3

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------|------------------|-------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| From | Stringa (string) | Transit origin zone |
| To | Stringa (string) | Transit destination zone |
| Transit | Decimal | Value of the transit |

5.47. ME_TransmissionLimits

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/InformazioniPreliminari/LimitiDiTransito>

- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/InformazioniPreliminari/LimitiDiTransito>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/InformazioniPreliminari/LimitiDiTransito>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A3/InformazioniPreliminari/LimitiDiTransito>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/InformazioniPreliminari/LimitiDiTransito>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/InformazioniPreliminari/LimitiDiTransito>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/InformazioniPreliminari/LimitiDiTransito>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/InformazioniPreliminari/LimitiDiTransito>
- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/InformazioniPreliminari/LimitiDiTransito>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/InformazioniPreliminari/LimitiDiTransito>
- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/InformazioniPreliminari/LimitiDiTransito>
- MA: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MA/InformazioniPreliminari/LimitiDiTransito>

Input parameters:

- DataName: ME_TransmissionLimits
- Segment: MA1, MGP, MI-A1, MI-A2, MI-A3, MI1, MI2, MI3, MI4, MI5, MI6, MI7, MA

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------------------------|------------------|-------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| From | Stringa (string) | Start-of-transit zone |
| To | Stringa (string) | End-of-transit zone |
| MaxTransmissionLimitFrom | Decimal | Transit limit from the zone From to the zone To |
| MaxTransmissionLimitTo | Decimal | Transit limit from the zone To to the zone From |

| | | |
|--------------------|---------|--------------------------|
| Coefficient | Decimal | Coefficient of the limit |
|--------------------|---------|--------------------------|

5.48. ME_XBIDNominationPlatform

Reference page:

- XBID: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit /PiattaformaDiNomina/Statistiche/PiattaformaDiNomina>

Input parameters:

- DataName: ME_XBIDNominationPlatform
- Segment: XBID

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|-----------------------------------|------------------|----------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| CommercialPositionPurchase | Decimal | Purchase/Commercial Position |
| CommercialPositionSales | Decimal | Sale/Commercial Position |
| NominationEntry | Decimal | Nomination Injection |
| NominationTake | Decimal | Nomination Withdrawal |
| DisplacementEntry | Decimal | Injection Imbalance |
| DisplacementTake | Decimal | Withdrawal Imbalance |

5.49. ME_XBIDResults

Reference page:

- XBID: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricit /MI/MI-XBID/>

Input parameters:

- DataName: ME_XBIDResults
- Segment: XBID

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|----------------|------------------|----------------------------------------------------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Zone | Stringa (string) | Zone |
| Phase | Intero (integer) | Phase of the results |
| Purchased | Decimal | Volume of electricity purchased |
| Sold | Decimal | Volume of electricity sold |
| ReferencePrice | Decimal | Average, weighted for the related volumes, of the prices of all contracts concluded |
| MinPrice | Decimal | Minimum price of trades |
| MaxPrice | Decimal | Maximum price of trades |
| FirstPrice | Decimal | First matching price |
| LastPrice | Decimal | Last matching price |
| LastHourPrice | Decimal | Average, weighted for the related volumes, of the prices of all contracts concluded in the last hour of the trading period |

5.50. ME_ZonalPrices

Reference page:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/PrezziZonali>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Esiti/PrezziZonali>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/Esiti/PrezziZonali>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A3/Esiti/PrezziZonali>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/Esiti/PrezziZonali>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/Esiti/PrezziZonali>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/Esiti/PrezziZonali>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/Esiti/PrezziZonali>
- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/Esiti/PrezziZonali>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/Esiti/PrezziZonali>
- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/Esiti/PrezziZonali>
- MA: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MA/Esiti/PrezziZonali>

Input parameters:

- DataName: ME_ZonalPrices
- Segment: MGP, MI-A1, MI-A2, MI-A3, MI1, MI2, MI3, MI4, MI5, MI6, MI7, MA
- Attributes: “GranularityType”: “PT15” or “PT30” or “PT60” (attribute valid only for the MGP and only from 1 October 2025)²

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|--------------------------------------------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Market zone, PUN (only for the MGP) when the price indicates the PUN Index GME |
| Price | Decimal | Value of the zonal price |
| Period | Stringa (string) | Flow period 1-100 |

5.51. ME_ZonalVolumes

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Esiti/Quantità>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Esiti/Quantità>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/Esiti/Quantità>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Esiti/Quantità>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/Esiti/Quantità>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/Esiti/Quantità>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/Esiti/Quantità>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/Esiti/Quantità>
- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/Esiti/Quantità>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/Esiti/Quantità>
- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/Esiti/Quantità>
- MA: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MA/Esiti/Quantità>

² If the parameter is omitted, the returned granularity will be the minimum one. If a granularity other than PT60 with an IntervalStart earlier than 1 October 2025 is requested, no result will be returned.

Input parameters:

- DataName: ME_ZonalVolumes
- Segment: MGP, MI-A1, MI-A2, MI-A3, MI1, MI2, MI3, MI4, MI5, MI6, MI7, MA

Returned value:

| Campo (field) | Tipo (type) | Descrizione (description) |
|---------------|------------------|-------------------------------------------|
| FlowDate | Intero (integer) | Flow date in the yyyyMMdd format |
| Hour | Intero (integer) | Flow hour 1-25 |
| Period | Stringa (string) | Flow period 1-100 |
| Market | Stringa (string) | Market requested by the Segment parameter |
| Zone | Stringa (string) | Market zone |
| Purchased | Decimal | Value of the purchased volume |
| Sold | Decimal | Value of the sold volume |

5.52. Offers_PublicDomain

Reference pages:

- MGP: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MGP/Download/Download?valore=OffertePubbliche>
- MI-A1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A1/Download/Download?valore=OffertePubbliche>
- MI-A2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A2/Download/Download?valore=OffertePubbliche>
- MI-A3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-A3/Download/Download?valore=OffertePubbliche>
- MI1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI1/Download/Download?valore=OffertePubbliche>
- MI2: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI2/Download/Download?valore=OffertePubbliche>
- MI3: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI3/Download/Download?valore=OffertePubbliche>
- MI4: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI4/Download/Download?valore=OffertePubbliche>
- MI5: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI5/Download/Download?valore=OffertePubbliche>
- MI6: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI6/Download/Download?valore=OffertePubbliche>

- MI7: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MI7/Download/Download?valore=OffertePubbliche>
- MA: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MercatiNonAttivi/MA/Download/Download?valore=OffertePubbliche>
- XBID: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MI/MI-XBID/Download/Download?valore=OffertePubbliche>
- MSD: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/ExAnte/Download/Download?valore=OffertePubbliche>
- MB: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/ExPost/Download/Download?valore=OffertePubblicheMB>
- MTE: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MTE/Download/OffertePubbliche?valore=OffertePubbliche>
- MPEG: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MPEG/Download/Download?valore=OffertePubbliche>
- AFRR: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/aFRR/Download?valore=OffertePubbliche>
- AFRE: <https://www.mercatoelettrico.org/en-us/Home/Results/Electricity/MSD/aFRR/Download?valore=EsitiaFRE>
- MRR: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/MRR/Download?valore=OffertePubbliche>
- MRRTerna: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Elettricità/MSD/MRR/Download?valore=OffertePubbliche>
- AGS
- MGAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGP-GAS/Download/OffertePubbliche?valore=OffertePubbliche>
- MGS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MGS/Download/Download?valore=OffertePubbliche>
- MTGAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MT-GAS/Download/Download?valore=OffertePubbliche>
- PBGAS: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MercatiNonAttivi/PB-GAS/Download/Download?valore=OffertePubbliche>
- PBGAS-1: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Gas/MercatiNonAttivi/PB-GAS/Download/Download?valore=OffertePubbliche>
- CV: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/MercatiNonAttivi/CV/Download/Download?valore=OffertePubbliche>
- TEE: <https://www.mercatoelettrico.org/it-it/Home/Esiti/Ambiente/TEE/Download/Download?valore=OffertePubbliche>

Input parameters:

- DataName: Offers_PublicDomain
- Segment: MGP, MI-A1, MI-A2, MI-A3, MI1, MI2, MI3, MI4, MI5, MI6, MI7, MA, XBID, MSD, MB, MTE, MPEG, AFRR, AFRE, MRR, MRRTerna, AGS, MGAS, MGS, MTGAS, PBGAS, PBGAS-1, CV, TEE

Returned value:

The .xml files of public-domain bids/offers submitted into the market, specified by the Segment parameter. Some files are contained in a .zip file.

For this method, the returned format is .xml.zip.

The legend of the fields is contained in the reference pages for each segment.