

Market Data API – Day-Ahead

Subscription Name: marketdata_dayahead

Requires the string parameter Delivery Area as detailed in the section below.

Included Endpoints:

- capacities/offered
- capacities/reductionReasons
- capacities/physical
- capacities/prognosis
- flows/areaPrice
- prices/area
- prices/areaBlock
- blockorders – UK specific, will require Delivery Area

Subscription Name: marketdata_api_global

Does not require the string parameter.

Included Endpoints:

- exchangeRates
- prices/curves
- prices/systemBlock
- prices/location
- prices/system

Subscription Name: marketdata_dayahead_indices

Included Endpoints:

- flows/systemPrice – requires Delivery Area
- n2ex/prices/index – UK specific will require Delivery Area

Subscription Name: marketdata_api_auction

Specific to the UK, but will require the Delivery Area parameter.

Included Endpoints:

- auction/prices/area
- auction/prices/areaBlock

Checking your subscription

A new endpoint has been created (user/getsubscriptions). This endpoint takes the encrypted user token as a parameter and returns the user's subscriptions as a JSON array of objects. The JSON objects are defined as follows:

```
{"subscriptionDescription": "string", "subscriptionName": "string", "countries": ["array", "of", "strings"]}
```

Example payload:

```
{  
  "subscriptionDescription": "Nord Pool Day Ahead Data",  
  "subscriptionName": "marketdata_dayahead",  
  "countries": [  
    "Denmark",  
    "Finland",  
    "United Kingdom",  
    "Latvia",
```

```

        "Norway",
        "Sweden"
    ]
},
{
    "subscriptionDescription": "Nord Pool Day Ahead Indices",
    "subscriptionName": "marketdata_dayahead_indices",
    "countries": [
        "Denmark",
        "Finland",
        "United Kingdom",
        "Latvia",
        "Norway",
        "Sweden"
    ]
},
{
    "subscriptionDescription": "Nord Pool Auction Data",
    "subscriptionName": "marketdata_api_auction",
    "countries": [
        "United Kingdom"
    ]
},
{
    "subscriptionDescription": "Nord Pool Non Country Specific Data",
    "subscriptionName": "marketdata_api_global",
    "countries": [
        "Angola",
        "Denmark",
        "Finland",
        "United Kingdom",
        "Latvia",
        "Norway",
        "Sweden"
    ]
}
}

```

Delivery Area Parameter

Details the power grid area to be queried. The following list shows the relationships between countries and power grid areas:

- Norway (NO): NO1, NO2, NO3, NO4, NO5
- Sweden (SE): SE1, SE2, SE3, SE4
- Germany (DE): DE-LU,50Hz, AMP, TTG, TBW
- Denmark (DK): DK1, DK2
- Finland (FI): FI
- Estonia (EE): EE

- Netherlands (NL): NL
- Belgium (BE): BE
- Latvia (LV): LV
- Lithuania (LT): LT
- France (FR): FR
- Austria (AT): AT
- United Kingdom (GB): UK, GB, GB1, GB2
-

If a subscription is a country-specific product, the delivery area being queried must be submitted as part of the query.

Multiple delivery areas may be submitted as part of the query as a comma delimited list (e.g. LV, GB1).

The validity of the subscription account used for the query will be tested against each delivery area submitted, (in the example above, Latvia and the UK).

If the subscriber is subscribed to all countries in the query, the data is returned. If the subscriber is not subscribed to any of the listed countries, an authentication error message is returned.

Using the example of LV and GB1:

Delivery Areas Submitted	Required Countries in Subscription
LV, GB1	Latvia, Great Britain
NO1, SE1, FI	Norway, Sweden, Finland
NL, BE, DK1	The Netherlands, Belgium, Denmark