

DH Sandbox API documentation for public supplier

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1 Documentation version history

The table below provides information on document version history:

Version	Date	Description
1.0.0	2024-01-03	Initial document version.
1.0.1	2024-02-23	<p>Added new methods:</p> <ul style="list-style-type: none">• POST/gateway/public-supplier/order/data-hr-15min-history-changes• GET/gateway/public-supplier/order/{orderId}/data-hr-15min-history-changes <p>Added new possible requests and responses (2, 3, 4) in method:</p> <ul style="list-style-type: none">• POST/gateway/public-supplier/order/data-hr-15min-obj-lvl <p>Added new possible requests and responses (2, 3, 4) in method:</p> <ul style="list-style-type: none">• GET /gateway/public-supplier/order/{orderId}/data-hr-15min-obj-lvl <p>Added new possible request and response (2) in method:</p> <ul style="list-style-type: none">• POST/gateway/public-supplier/order/list
1.0.2	2024-03-06	<p>Added new methods:</p> <ul style="list-style-type: none">• POST /gateway/public-supplier/order/balance-data• POST /gateway/public-supplier/order/balance-by-generation-type• GET /gateway/public-supplier/order/{orderId}/balance-data• GET /gateway/public-supplier/order/{orderId}/balance-by-generation-type <p>In method POST/gateway/public-supplier/order/list:</p> <ul style="list-style-type: none">• Added new order types „balance-data“ and „balance-by-generation-type“ in possible response (2)• Added new possible request and response (3)
1.0.3	2024-04-25	<p>In method POST /gateway/public-supplier/order/data-hr-15min-history-changes:</p> <ul style="list-style-type: none">• in JSON request removed dateTo

		<p>In method POST /gateway/public-supplier/order/v2/list:</p> <ul style="list-style-type: none"> • in possible response data 2 changed order status date (orderId 100065)
1.0.4	2024-06-05	<p>Changed location of graphVersion attribute in method:</p> <ul style="list-style-type: none"> • GET /gateway/public-supplier/order/{orderId}/data-hr-15min-obj-lvl
1.0.5	2025-03-03	<p>Added new methods:</p> <ul style="list-style-type: none"> • POST /gateway/public-supplier/order/balance-data-by-contract-type • GET /gateway/public-supplier/order/{orderId}/balance-data-by-contract-type
1.0.6	2025-05-26	<ul style="list-style-type: none"> • In method POST /gateway/public-supplier/order/list, example 2: <ul style="list-style-type: none"> ○ Added submittedDateTo value • In method GET /gateway/public-supplier/order/{orderId}/count <ul style="list-style-type: none"> ○ Updated definition • Added notes for the "dateFrom" and "dateTo" attributes in methods: <ul style="list-style-type: none"> ○ POST /gateway/public-supplier/order/data-hr-15min-obj-lvl, example 1-4 ○ POST /gateway/public-supplier/order/data-hr-15min-history-changes, example 1 ○ POST /gateway/public-supplier/order/balance-data, example 1 ○ POST /gateway/public-supplier/order/balance-by-generation-type, example 1 ○ POST /gateway/public-supplier/order/balance-data-by-contract-type, example 1
1.0.7	2025-07-04	<p>Added new method:</p> <ul style="list-style-type: none"> • POST /gateway/public-supplier/object/all/active/list
1.0.8	2026-02-09	<p>Added 5 new API endpoints, including request/response examples:</p> <ul style="list-style-type: none"> • POST /gateway/public-supplier/access-right • POST /gateway/public-supplier/access-rights/search • POST /gateway/public-supplier/access-right/{accessRightId}/cancel • POST /gateway/public-supplier/order/data-sum-obj-lvl-acr • GET /gateway/public-supplier/order/{orderId}/data-sum-obj-lvl-acr

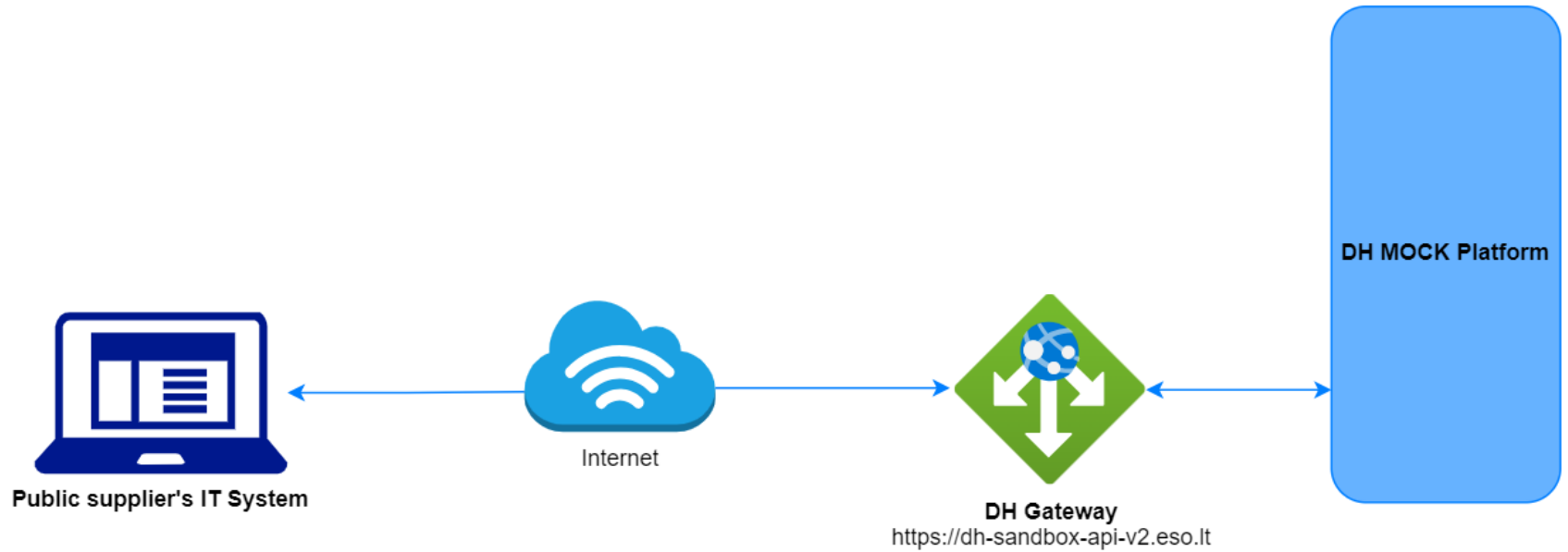
Note: Changes in table marked in white are already deployed, marked in green will be deployed in near future.

2 Preface

The Common Data Exchange Platform (hereinafter referred as *DH Platform*) Gateway is a component enabling public supplier to directly access DH Platform from within their IT systems and thus helps perform their activities more efficiently.

DH Gateway provides open standards-based interfaces allowing public supplier themselves (or with outside assistance) integrate their IT systems with DH Platform.

This document provides technical information on DH Gateway interfaces which is needed to integrate public supplier's information systems with DH Platform.



3 Environments

There are two DH Gateway environments the public supplier might access:

- “Sandbox” environment
- Production environment

Environment	Swagger Link	WEB Interface
Production	https://dh-api.eso.lt/swagger-ui.html	https://datahub.eso.lt/
Sandbox	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html#/	-

4 Digital certificates

In both the testing and production environments of the DH Gateway component, the identity of the public supplier is established using a TOKEN, which the public supplier's information system must provide each time the DH Gateway network service is called.

To get started:

1. The DSO responsible person sends the JWT key (JSON Web Token) to be used with each request to the DH API.
2. To make requests to the DH Gateway API - the TOKEN submission in the case of curl takes place.

5 Datahub Gateway API documentation

This document section describes the technical DH API documentation, which provides descriptions of API methods, request and response JSON data model structure, data validation rules, error handling, and other related information.

5.1 Access right controller

5.1.1 POST /gateway/public-supplier/access-rights/search

Resource description	
Definition	Returns the list of granted rights along with detailed information for each right.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/access-rights/search
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "accessRightId": 100040, "consumerCode": "20240314", "objectNumber": "20240314", "generatingObjectType": "G", "contractType": "SBTS", "contractModel": "BSS", "accountingType": "NET_METERING", "powerPlantType": "S" }</pre>	<pre>[{ "accessRightId": 100040, "accessRightValidFrom": "2026-01-06T15:17:07", "accessRightValidTo": "2126-01-06T15:17:07", "daysLeft": "<days-remaining-until-access-expires>", "accessRightSource": "DATAHUB", "userName": "PUBLIC", "objectNumber": "20240314", "objectAddress": "Kauno g. 1, Kėdainiai", "powerPlantObjectType": "S", "contractModel": "BSS", "supplierType": "NT",</pre>

```

"tariffPlan": "Standartinis",
"timeZone": "2",
"accountingType": "NET_METERING",
"usedPowerPlants": [
  {
    "powerPlantObjectNumber": "20240314",
    "powerPlantType": "S",
    "generatingObjectType": "G",
    "accountingScheme": "NET_METERING",
    "payoffMethod": "P",
    "generatingPower": 1
  }
],
"automationLevel": "FULL",
"contractType": "SBTS",
"personName": "Vardenis",
"personSurname": "Pavardenis024",
"personCode": "*****314",
"consumerCode": "20240314",
"accessRightPhoneNo": "+37063333333",
"accessRightEmailAddress": "vardenis.pavardenis024@a.lt",
"accessRightNote": null
}
]

```

5.1.2 POST /gateway/public-supplier/access-right

Resource description	
Definition	Allows assigning a right to an object, enabling access to its historical consumption data with the customer's consent.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/access-right

Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html
--------------------	---

Possible request 1	Possible response data 1
<pre>{ "accessRightInformation": [{ "accessRightEmailAddress": "vardenis.pavardenis024@a.lt", "accessRightNote": null, "accessRightPhoneNo": "+37063333333", "accessRightValidTo": "YYYY-MM-DD", // Any future date within 1 year "objectNumber": "20240314" }], "consentSign": true, "personBrithDate": null, "personCode": "99201201314", "personName": "Vardenis", "personSurname": "Pavardenis024" }</pre>	<pre>[{ "accessRightId": "<unique-access-right-id>" }]</pre>

5.1.3 POST /gateway/public-supplier/access-right/{accessRightId}/cancel

Resource description	
Definition	Used to revoke an existing access right.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/access-right/{accessRightId}/cancel

Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html
--------------------	---

Possible request 1	Possible response data 1
Path parameter: accessRightId 100041	If the request is successful, an HTTP 200 Created message is returned.

5.2 Order controller

5.2.1 POST /gateway/public-supplier/order/list

Resource description	
Definition	Method will return list of the orders.
Detailed description of method in DH API documentation for public supplier	POST /gateway/public-supplier/order/list
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "auto": false, "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderId": 100054,</pre>	<pre>[{ "orderId": 100054, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-01-04T10:33:50.769",</pre>

<pre> "orderParametersSearch": null, "orderTypes": ["data-hr-15min-obj-lvl"], "status": "IV", "submittedDateFrom": null, "submittedDateTo": null, "userNameSearch": null } </pre>	<pre> "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderParameters": "{\"consumptionCategories\":[\"P+\", \"P-\"], \"objectNumbers\":[\"20240106\"], \"interval\": \"HOURL\"}", "latestStatus": "IV", "statusDate": "2024-01-04T10:33:53.379", "expireDate": "2124-01-05T10:33:52.379", "auto": false, "userName": "PUBLIC" }] </pre>
<p>Possible request 2</p>	<p>Possible response data 2</p>
<pre> { "auto": false, "dateFrom": null, "dateTo": null, "orderId": null, "orderParametersSearch": null, "orderTypes": null, "status": "IV", "submittedDateFrom": "2024-01-01T00:00:00", "submittedDateTo": "2024-03-11T00:00:00", "userNameSearch": null } </pre>	<pre> [{ "orderId": 100054, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-01-04T10:33:50.769", "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderParameters": "{\"consumptionCategories\":[\"P+\", \"P-\"], \"objectNumbers\":[\"20240106\"], \"interval\": \"HOURL\"}", "latestStatus": "IV", "statusDate": "2024-01-04T10:33:53.379", "expireDate": "2124-01-05T10:33:52.379", "auto": false, "userName": "PUBLIC" }, { "orderId": 100063, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-03-07T11:00:00", "dateFrom": "2024-02-20", "dateTo": "2024-02-20", "orderParameters": "{\"consumptionCategories\":[\"P+\", \"P-\"], \"objectNumbers\":[\"20240229\"], \"interval\": \"HOURL\", \"netBilling\": {\"intervalData\": true, \"intervalDataRecalculation\": false, \"intervalDataDetailed\": false}}", </pre>

```
"latestStatus": "IV",
"statusDate": "2024-03-07T12:01:00",
"expireDate": "2122-03-07T10:01:00",
"auto": false,
"userName": "PUBLIC"
},
{
  "orderId": 100064,
  "orderType": "data-hr-15min-obj-lvl",
  "submittedDate": "2024-03-07T11:00:00",
  "dateFrom": "2024-02-20",
  "dateTo": "2024-02-20",
  "orderParameters": "{\"consumptionCategories\":[\"P+\", \"P-\", \"objectNumbers\":[\"20240229\"], \"interval\": \"HOURL\", \"netBilling\": {\"intervalData\": true, \"intervalDataRecalculation\": false, \"intervalDataDetailed\": true}}",
  "latestStatus": "IV",
  "statusDate": "2024-03-07T12:01:00",
  "expireDate": "2122-03-07T10:01:00",
  "auto": false,
  "userName": "PUBLIC"
},
{
  "orderId": 100065,
  "orderType": "data-hr-15min-history-changes",
  "submittedDate": "2024-02-29T11:00:00",
  "dateFrom": "2024-01-01",
  "dateTo": "2024-02-29",
  "orderParameters": "{\"objectNumbers\":[\"20240229\"]}",
  "latestStatus": "IV",
  "statusDate": "2024-02-29T12:01:00",
  "expireDate": "2122-03-07T10:01:00",
  "auto": false,
  "userName": "PUBLIC"
},
{
  "orderId": 100066,
  "orderType": "data-hr-15min-obj-lvl",
  "submittedDate": "2024-03-10T11:00:00",
```

```
"dateFrom": "2024-02-20",
"dateTo": "2024-02-20",
"orderParameters": "{\"consumptionCategories\": [\"P+\", \"P-\"], \"objectNumbers\": [\"20240229\"], \"interval\": \"HOUR\", \"netBilling\": {\"intervalData\": true, \"intervalDataRecalculation\": true, \"intervalDataDetailed\": true}}",
"latestStatus": "IV",
"statusDate": "2024-03-10T12:01:00",
"expireDate": "2122-03-07T10:01:00",
"auto": false,
"userName": "PUBLIC"
},
{
  "orderId": 100075,
  "orderType": "balance-data",
  "submittedDate": "2024-03-04T08:30:48.302",
  "dateFrom": "2024-03-01",
  "dateTo": "2024-03-01",
  "orderParameters": "{\"interval\": \"HOUR\"}",
  "latestStatus": "IV",
  "statusDate": "2024-03-04T08:30:48.624",
  "expireDate": "2124-03-05T08:30:48.624",
  "auto": false,
  "userName": "PUBLIC"
},
{
  "orderId": 100076,
  "orderType": "balance-by-generation-type",
  "submittedDate": "2024-03-04T15:10:36.629",
  "dateFrom": "2024-03-01",
  "dateTo": "2024-03-01",
  "orderParameters": "{\"interval\": \"HOUR\"}",
  "latestStatus": "IV",
  "statusDate": "2024-03-04T15:10:36.952",
  "expireDate": "2124-03-05T15:10:36.952",
  "auto": false,
  "userName": "PUBLIC"
}
]
```

Possible request 3	Possible response data 3
<pre> { "orderId": null, "orderTypes": ["balance-data", "balance-by-generation-type"], "submittedDateFrom": null, "submittedDateTo": null, "dateFrom": null, "dateTo": null, "latestStatuses": ["IV"], "auto": false, "userNameSearch": null, "orderParametersSearch": null } </pre>	<pre> [{ "orderId": 100075, "orderType": "balance-data", "submittedDate": "2024-03-04T08:30:48.302", "dateFrom": "2024-03-01", "dateTo": "2024-03-01", "orderParameters": "{\"interval\":\"HOURL\"}", "latestStatus": "IV", "statusDate": "2024-03-04T08:30:48.624", "expireDate": "2124-03-05T08:30:48.624", "auto": false, "userName": "PUBLIC" }, { "orderId": 100076, "orderType": "balance-by-generation-type", "submittedDate": "2024-03-04T15:10:36.629", "dateFrom": "2024-03-01", "dateTo": "2024-03-01", "orderParameters": "{\"interval\":\"HOURL\"}", "latestStatus": "IV", "statusDate": "2024-03-04T15:10:36.952", "expireDate": "2124-03-05T15:10:36.952", "auto": false, "userName": "PUBLIC" }] </pre>

5.2.2 GET /gateway/public-supplier/order/{orderId}/count

Resource description

Definition	The method returns the total number of items that a public supplier will receive in a specific report. Since a report may contain multiple items (represented as a list), this method helps determine the exact count. It is particularly useful when the public supplier needs to process or deliver the data in smaller portions (e.g., pagination or batching). This method should be used in GET requests for reports, where the public supplier can specify method parameters (such as filters or report identifiers) to retrieve the relevant item count.
Detailed description of method in DH API documentation for public supplier	GET /gateway/public-supplier/order/{orderId}/count
Request URL	https://dh-sandbox-api-v2.eso.it/swagger-ui.html

Possible request 1	Possible response data 1
URL parameters: <ul style="list-style-type: none"> • orderId - 100054 	<pre>{ "count": 1 }</pre>

5.2.1 POST /gateway/public-supplier/order/data-hr-15min-obj-lvl

Resource description	
Definition	The method is designed for ordering data for “Automated quantities at the object level”. Using this method public supplier can only order the data of objects in public supply.
Detailed description of method in DH API documentation for public supplier	POST /gateway/public-supplier/order/data-hr-15min-obj-lvl
Request URL	https://dh-sandbox-api-v2.eso.it/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "consumptionCategories": ["P+", "P-"], "dateFrom": "[Any past date not older than 36 months]", "dateTo": "[The value must not exceed 12 months from the dateFrom date]", "interval": "HOUR", "objectNumbers": ["20240106"] }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>
Possible request 2	Possible response data 2
<pre>{ "consumptionCategories": ["P+", "P-"], "dateFrom": "[Any past date not older than 36 months]", "dateTo": "[The value must not exceed 12 months from the dateFrom date]", "interval": "HOUR", "objectNumbers": ["20240229"], "netBilling": { "intervalData": true, "intervalDataRecalculation": false, "intervalDataDetailed": false } }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>
Possible request 3	Possible response data 3

```
{
  "consumptionCategories": [
    "P+",
    "P-"
  ],
  "dateFrom": "[Any past date not older than 36 months]",
  "dateTo": "[The value must not exceed 12 months from the dateFrom date]",
  "interval": "HOUR",
  "objectNumbers": [
    "20240229"
  ],
  "netBilling": {
    "intervalData": true,
    "intervalDataRecalculation": false,
    "intervalDataDetailed": true
  }
}
```

Possible request 4

```
{
  "consumptionCategories": [
    "P+",
    "P-"
  ],
  "dateFrom": "[Any past date not older than 36 months]",
  "dateTo": "[The value must not exceed 1 accounting period from the dateFrom date]",
  "interval": "HOUR",
  "objectNumbers": [
    "20240229"
  ],
  "netBilling": {
    "intervalData": true,
    "intervalDataRecalculation": true,
    "intervalDataDetailed": true
  }
}
```

```
{
  "orderId": [a new Id is generated]
}
```

Possible response data 4

```
{
  "orderId": [a new Id is generated]
}
```

5.2.2 GET /gateway/public-supplier/order/{orderId}/data-hr-15min-obj-lvl

Resource description	
Definition	The method for receive the order report "Automated quantities at the object level".
Detailed description of method in DH API documentation for public supplier	GET /gateway/public-supplier/order/{orderId}/data-hr-15min-obj-lvl
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1	Possible response data 1 (continuation)
URL parameters: <ul style="list-style-type: none"> orderId - 100054 	<pre>[{ "personCode": "20241111111", "personName": "Vardenis9", "personSurname": "Pavardenis9", "objectId": 2024012, "objectNumber": "20240106", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2023-12-01T00:00:00+02:00", "amount": 0.2347, "valueType": "VAL",</pre>	<pre>{ "consumptionCategory": "P-", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2023-12-01T00:00:00+02:00", "amount": 0.0001, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T01:00:00+02:00", "amount": 0.0001, "valueType": "VAL", "usageType": null,</pre>

```
"usageType": null,
"graphVersion": null
},
{
  "consumptionTime": "2023-12-01T01:00:00+02:00",
  "amount": 0.2851,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T02:00:00+02:00",
  "amount": 0.2917,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T03:00:00+02:00",
  "amount": 0.2862,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T04:00:00+02:00",
  "amount": 0.2444,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T05:00:00+02:00",
  "amount": 0.1524,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
},
```

```
"graphVersion": null
},
{
  "consumptionTime": "2023-12-01T02:00:00+02:00",
  "amount": 0.0001,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T03:00:00+02:00",
  "amount": 0.0002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T04:00:00+02:00",
  "amount": 0.0175,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T05:00:00+02:00",
  "amount": 0.0746,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T06:00:00+02:00",
  "amount": 0.0871,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
},
{
```

```
{
  "consumptionTime": "2023-12-01T06:00:00+02:00",
  "amount": 0.142,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T07:00:00+02:00",
  "amount": 0.0198,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T08:00:00+02:00",
  "amount": 0.0002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T09:00:00+02:00",
  "amount": 0.0002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T10:00:00+02:00",
  "amount": 0.003,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
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"usageType": null,
"graphVersion": null
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  "amount": 0.9481,
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"graphVersion": null
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"graphVersion": null
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"graphVersion": null
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  "usageType": null,
  "graphVersion": null
},
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  "graphVersion": null
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  "usageType": null,
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  "usageType": null,
  "graphVersion": null
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  "usageType": null,
  "graphVersion": null
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  "usageType": null,
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  "amount": 0,
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Possible request 2	Possible response data 2	Possible response data 2 (continuation)
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<p>URL parameters:</p> <ul style="list-style-type: none"> • orderId – 100063 <p>Note: In the order shows the "Net billing" object's 20240229 data before the recalculation.</p>	<pre> [{ "personCode": "2024025555", "personName": "Vardenis", "personSurname": "Pavardenis29", "objectId": 202029, "objectNumber": "20240229", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 3.9904, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }] }] }] </pre>	<pre> { "consumptionCategory": "P-", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 1.8000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T01:00:00+02:00", "amount": 2.4000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T02:00:00+02:00", </pre>
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"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
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"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
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"graphVersion": "2024-03-06T09:00:00+02:00"
},
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"amount": 5.5000,
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"usageType": "B",
```

```
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"usageType": "B",
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},
{
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"usageType": "B",
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},
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"graphVersion": "2024-03-06T09:00:00+02:00"
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"consumptionTime": "2024-02-20T21:00:00+02:00",
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"usageType": "B",
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"usageType": "B",
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	<pre> }, { "consumptionTime": "2024-02-20T23:00:00+02:00", "amount": 8.0912, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }] }, </pre>	<pre>] }]] </pre>
Possible request 3	Possible response data 3	Possible response data 3 (continuation)
<p>URL parameters:</p> <ul style="list-style-type: none"> • orderId - 100064 <p>Note: In the order shows the "Net billing" object's 20240229 data before the recalculation.</p>	<pre> [{ "personCode": "20240255555", "personName": "Vardenis", "personSurname": "Pavardenis29", "objectId": 202029, "objectNumber": "20240229", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 3.9904, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T01:00:00+02:00", "amount": 3.9824, "valueType": "VAL", "usageType": "B", </pre>	<pre> { "consumptionTime": "2024-02-20T12:00:00+02:00", "amount": 1.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T13:00:00+02:00", "amount": 1.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T14:00:00+02:00", "amount": 1.3000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T15:00:00+02:00", "amount": 1.1000, "valueType": "VAL", </pre>

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  "amount": 4.265,
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},
{
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  "amount": 3.9712,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
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  "amount": 4.0176,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
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  "amount": 4.0128,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
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```
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"graphVersion": "2024-03-06T09:00:00+02:00"
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  "graphVersion": "2024-03-06T09:00:00+02:00"
},
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  "amount": 3.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T18:00:00+02:00",
  "amount": 4.5000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
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  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
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  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
},
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"graphVersion": "2024-03-06T09:00:00+02:00"
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"graphVersion": "2024-03-06T09:00:00+02:00"
},
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"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
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}
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Possible request 4	Possible response data 4	Possible response data 4 (continuation)
---------------------------	---------------------------------	--

<p>URL parameters:</p> <ul style="list-style-type: none"> • orderId – 100066 <p>Note: In the order shows the "Net billing" object's 20240229 data after the recalculation.</p>	<pre> [{ "personCode": "2024025555", "personName": "Vardenis", "personSurname": "Pavardenis29", "objectId": 202029, "objectNumber": "20240229", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 3.9904, </pre>	<pre> { "consumptionTime": "2024-02-20T13:00:00+02:00", "amount": 1.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T14:00:00+02:00", "amount": 1.3000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T15:00:00+02:00", </pre>
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  "usageType": "B",
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  {
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    "amount": 6.0688,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
```

```
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T07:00:00+02:00",
    "amount": 3.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T08:00:00+02:00",
    "amount": 5.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T09:00:00+02:00",
    "amount": 5.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T10:00:00+02:00",
    "amount": 2.4000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T11:00:00+02:00",
    "amount": 1.6000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
```

```

    "consumptionTime": "2024-02-20T22:00:00+02:00", {
    "amount": 2.0736,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T23:00:00+02:00", {
    "amount": 8.0912,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  }
}
],
},
{
  "consumptionCategory": "P-",
  "powerPlantObjectNumber": "20240230",
  "powerPlantType": "S",
  "consumptions": [
    {
    "consumptionTime": "2024-02-20T00:00:00+02:00", {
    "amount": 1.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T01:00:00+02:00", {
    "amount": 2.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T02:00:00+02:00", {
    "amount": 2.2050,
    "valueType": "VAL",
    "consumptionTime": "2024-02-20T12:00:00+02:00", {
    "amount": 1.6000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T13:00:00+02:00", {
    "amount": 3.0000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T14:00:00+02:00", {
    "amount": 4.3000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T15:00:00+02:00", {
    "amount": 3.1000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T16:00:00+02:00", {
    "amount": 0.4000,
    "valueType": "VAL",
    "usageType": "B",
    "graphVersion": "2024-03-10T11:30:00+02:00"
  },
  {
    "consumptionTime": "2024-02-20T17:00:00+02:00", {
    "amount": 6.0000,

```

```
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T03:00:00+02:00",
"amount": 1.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T04:00:00+02:00",
"amount": 1.6000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T05:00:00+02:00",
"amount": 3.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T06:00:00+02:00",
"amount": 2.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T07:00:00+02:00",
"amount": 1.5000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
}
```

```
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T18:00:00+02:00",
"amount": 2.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T19:00:00+02:00",
"amount": 2.4000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T20:00:00+02:00",
"amount": 1.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T21:00:00+02:00",
"amount": 2.6000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
{
"consumptionTime": "2024-02-20T22:00:00+02:00",
"amount": 0.5000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-10T11:30:00+02:00"
},
}
```


5.2.3 POST /gateway/public-supplier/order/data-hr-15min-history-changes

Resource description	
Definition	The method is intended for ordering interval data change report.
Detailed description of method in DH API documentation for public supplier	POST /gateway/public-supplier/order/data-hr-15min-history-changes
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "dateFrom": "[Any date, not older than 3 previous accounting months]", "objectNumbers": ["20240229"] }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

5.2.4 GET /gateway/public-supplier/order/{orderId}/data-hr-15min-history-changes

Resource description	
Definition	The method is designed to obtain interval data change report.

Detailed description of method in DH API documentation for public supplier	GET /gateway/public-supplier/order/{orderId}/data-hr-15min-history-changes
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
URL parameters: <ul style="list-style-type: none"> • orderId - 100065 	<pre>[{ "personCode": "20240255555", "personName": "Vardenis", "personSurname": "Pavardenis29", "objectNumber": "20240229", "periodsWithChanges": [{ "billingPeriod": "2024-02", "reasons": ["GENERATION_CHANGE"] }] }]</pre>

5.2.5 POST /gateway/public-supplier/order/balance-data

Resource description	
Definition	The method is intended for ordering balance data report

Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/order/balance-data
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "dateFrom": "[Any past date not older than 36 months]", "dateTo": "[The value must not exceed 1 accounting period from the dateFrom date]", "interval": "HOUR" }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

5.2.6 GET /gateway/public-supplier/order/{orderId}/balance-data

Resource description	
Definition	The method is used to obtain the report "Balance data"
Detailed description of method in API documentation (ENG)	GET /gateway/public-supplier/order/{orderId}/balance-data
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
--------------------	--------------------------

URL parameters:

- orderId - 100075

```
{
  "timeSeriesData": [
    {
      "intervalDateTime": "2024-03-01T00:00:00+02:00",
      "valueOfGeneration": 0.01,
      "valueOfConsumption": 0.03
    },
    {
      "intervalDateTime": "2024-03-01T01:00:00+02:00",
      "valueOfGeneration": 0.008,
      "valueOfConsumption": 0.022
    },
    {
      "intervalDateTime": "2024-03-01T02:00:00+02:00",
      "valueOfGeneration": 0.019,
      "valueOfConsumption": 0.021
    },
    {
      "intervalDateTime": "2024-03-01T03:00:00+02:00",
      "valueOfGeneration": 0.004,
      "valueOfConsumption": 0.026
    },
    {
      "intervalDateTime": "2024-03-01T04:00:00+02:00",
      "valueOfGeneration": 0.003,
      "valueOfConsumption": 0.021
    },
    {
      "intervalDateTime": "2024-03-01T05:00:00+02:00",
      "valueOfGeneration": 0.004,
      "valueOfConsumption": 0.029
    },
    {
      "intervalDateTime": "2024-03-01T06:00:00+02:00",
      "valueOfGeneration": 0.015,
      "valueOfConsumption": 0.021
    },
    {

```

```
"intervalDateTime": "2024-03-01T07:00:00+02:00",
"valueOfGeneration": 0.007,
"valueOfConsumption": 0.027
},
{
"intervalDateTime": "2024-03-01T08:00:00+02:00",
"valueOfGeneration": 0.007,
"valueOfConsumption": 0.021
},
{
"intervalDateTime": "2024-03-01T09:00:00+02:00",
"valueOfGeneration": 0.009,
"valueOfConsumption": 0.032
},
{
"intervalDateTime": "2024-03-01T10:00:00+02:00",
"valueOfGeneration": 0.008,
"valueOfConsumption": 0.025
},
{
"intervalDateTime": "2024-03-01T11:00:00+02:00",
"valueOfGeneration": 0.004,
"valueOfConsumption": 0.029
},
{
"intervalDateTime": "2024-03-01T12:00:00+02:00",
"valueOfGeneration": 0.018,
"valueOfConsumption": 0.026
},
{
"intervalDateTime": "2024-03-01T13:00:00+02:00",
"valueOfGeneration": 0.017,
"valueOfConsumption": 0.036
},
{
"intervalDateTime": "2024-03-01T14:00:00+02:00",
"valueOfGeneration": 0.014,
"valueOfConsumption": 0.039
```

```
},
{
  "intervalDateTime": "2024-03-01T15:00:00+02:00",
  "valueOfGeneration": 0.009,
  "valueOfConsumption": 0.029
},
{
  "intervalDateTime": "2024-03-01T16:00:00+02:00",
  "valueOfGeneration": 0.007,
  "valueOfConsumption": 0.027
},
{
  "intervalDateTime": "2024-03-01T17:00:00+02:00",
  "valueOfGeneration": 0.005,
  "valueOfConsumption": 0.026
},
{
  "intervalDateTime": "2024-03-01T18:00:00+02:00",
  "valueOfGeneration": 0.008,
  "valueOfConsumption": 0.022
},
{
  "intervalDateTime": "2024-03-01T19:00:00+02:00",
  "valueOfGeneration": 0.017,
  "valueOfConsumption": 0.023
},
{
  "intervalDateTime": "2024-03-01T20:00:00+02:00",
  "valueOfGeneration": 0.008,
  "valueOfConsumption": 0.024
},
{
  "intervalDateTime": "2024-03-01T21:00:00+02:00",
  "valueOfGeneration": 0.016,
  "valueOfConsumption": 0.022
},
{
  "intervalDateTime": "2024-03-01T22:00:00+02:00",
```

```

"valueOfGeneration": 0.009,
"valueOfConsumption": 0.029
},
{
"intervalDateTime": "2024-03-01T23:00:00+02:00",
"valueOfGeneration": 0.009,
"valueOfConsumption": 0.027
}
]
}

```

5.2.7 POST /gateway/public-supplier/order/balance-by-generation-type

Resource description	
Definition	The method is intended for ordering "Balance by generation type" report
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/order/balance-by-generation-type
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre> { "generationType": "S", "generationCategory": null, "dateFrom": "[Any past date not older than 36 months]", "dateTo": "[The value must not exceed 1 accounting period from the dateFrom date]", "interval": "HOUR" } </pre>	<pre> { "orderId": [a new Id is generated] } </pre>

5.2.8 GET /gateway/public-supplier/order/{orderId}/balance-by-generation-type

Resource description	
Definition	The method is used to obtain the report "Balance by generation type"
Detailed description of method in API documentation (ENG)	GET /gateway/public-supplier/order/{orderId}/balance-by-generation-type
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1	Possible response data 1 (continuation)
URL parameters: <ul style="list-style-type: none"> orderId - 100076 	<pre>[{ "generationType": "S", "timeSeriesData": [{ "intervalDateTime": "2024-03-01T00:00:00+02:00", "generationCategories": [{ "generationCategory": "PRODUCERS", "valueOfGeneration": 0.012 }], }, { "generationCategory": "PROSUMERS", "valueOfGeneration": 9.568 }] }]</pre>	<pre>{ "intervalDateTime": "2024-03-01T12:00:00+02:00", "generationCategories": [{ "generationCategory": "PRODUCERS", "valueOfGeneration": 0.119 }, { "generationCategory": "PROSUMERS", "valueOfGeneration": 9.536 }, { "generationCategory": "UNALLOCATED", "valueOfGeneration": 0 }] }</pre>

```
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T01:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.014
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.522
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.401
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T02:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.13
```

```
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.498
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T13:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.014
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.456
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.499
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T14:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.015
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.566
```

```
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.255
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0.444
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.488
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T03:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.111
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.654
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.5
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T04:00:00+02:00",
```

```
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.501
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T15:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.014
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.555
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.502
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T16:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.015
```

```
"generationCategories": [
  {
    "generationCategory": "PRODUCERS",
    "valueOfGeneration": 0.254
  },
  {
    "generationCategory": "PROSUMERS",
    "valueOfGeneration": 9.111
  },
  {
    "generationCategory": "UNALLOCATED",
    "valueOfGeneration": 0
  },
  {
    "generationCategory": "REMOTE-PROSUMERS",
    "valueOfGeneration": 0.658
  }
]
},
{
  "intervalDateTime": "2024-03-01T05:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.012
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.255
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.588
    }
  ]
}
```

```
},
{
  "generationCategory": "PROSUMERS",
  "valueOfGeneration": 9.658
},
{
  "generationCategory": "UNALLOCATED",
  "valueOfGeneration": 0
},
{
  "generationCategory": "REMOTE-PROSUMERS",
  "valueOfGeneration": 0.498
}
]
},
{
  "intervalDateTime": "2024-03-01T17:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.012
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.575
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.484
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T18:00:00+02:00",
}
```

```
]
},
{
  "intervalDateTime": "2024-03-01T06:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.025
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.177
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.505
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T07:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.012
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.365
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    }
  ],
}
```

```
"generationCategories": [
  {
    "generationCategory": "PRODUCERS",
    "valueOfGeneration": 0.013
  },
  {
    "generationCategory": "PROSUMERS",
    "valueOfGeneration": 9.658
  },
  {
    "generationCategory": "UNALLOCATED",
    "valueOfGeneration": 0
  },
  {
    "generationCategory": "REMOTE-PROSUMERS",
    "valueOfGeneration": 0.498
  }
]
},
{
  "intervalDateTime": "2024-03-01T19:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.013
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.452
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.502
    }
  ]
}
```

```
{
  "generationCategory": "REMOTE-PROSUMERS",
  "valueOfGeneration": 0.412
}
],
{
  "intervalDateTime": "2024-03-01T08:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.133
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.688
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.566
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T09:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.132
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.652
    },
  ],
```

```
]
},
{
  "intervalDateTime": "2024-03-01T20:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.01
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.566
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.5
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T21:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.013
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.555
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
  ],
```

```
{
  "generationCategory": "UNALLOCATED",
  "valueOfGeneration": 0
},
{
  "generationCategory": "REMOTE-PROSUMERS",
  "valueOfGeneration": 0.501
}
]
},
{
  "intervalDateTime": "2024-03-01T10:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.135
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.725
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.498
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T11:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.124
    },
```

```
{
  "generationCategory": "REMOTE-PROSUMERS",
  "valueOfGeneration": 0.487
}
]
},
{
  "intervalDateTime": "2024-03-01T22:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.012
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.548
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.505
    }
  ]
},
{
  "intervalDateTime": "2024-03-01T23:00:00+02:00",
  "generationCategories": [
    {
      "generationCategory": "PRODUCERS",
      "valueOfGeneration": 0.011
    },
    {
      "generationCategory": "PROSUMERS",
      "valueOfGeneration": 9.533
    },
```

	<pre> { "generationCategory": "PROSUMERS", "valueOfGeneration": 9.652 }, { "generationCategory": "UNALLOCATED", "valueOfGeneration": 0 }, { "generationCategory": "REMOTE-PROSUMERS", "valueOfGeneration": 0.474 }] }, </pre>	<pre> { "generationCategory": "UNALLOCATED", "valueOfGeneration": 0 }, { "generationCategory": "REMOTE-PROSUMERS", "valueOfGeneration": 0.499 }] }] }] } </pre>
--	--	--

5.2.9 POST /gateway/public-supplier/order/balance-data-by-contract-type

Resource description	
Definition	The method is intended for ordering "Balance data by contract type" report.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/order/balance-data-by-contract-type
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre> { "contractType": "SBTS", "dateFrom": "[Any past date not older than 36 months]", "dateTo": "[The value must not exceed 1 accounting period from the dateFrom date]", </pre>	<pre> { "orderId": [a new Id is generated] } </pre>

<pre>"interval": "HOUR" }</pre>	
---------------------------------	--

5.2.10 GET /gateway/public-supplier/order/{orderId}/balance-data-by-contract-type

Resource description	
Definition	The method is used to obtain the report "Balance data by contract type".
Detailed description of method in API documentation (ENG)	GET /gateway/public-supplier/order/{orderId}/balance-data-by-contract-type
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
URL parameters: <ul style="list-style-type: none"> orderId - 100105 	<pre>[{ "contractType": "SBTS", "timeSeriesData": [{ "intervalDateTime": "2025-03-01T00:00:00+02:00", "valueOfConsumption": 0.03 }, { "intervalDateTime": "2025-03-01T01:00:00+02:00", "valueOfConsumption": 0.022 }, { "intervalDateTime": "2025-03-01T02:00:00+02:00",</pre>

```
"valueOfConsumption": 0.021
},
{
  "intervalDateTime": "2025-03-01T03:00:00+02:00",
  "valueOfConsumption": 0.026
},
{
  "intervalDateTime": "2025-03-01T04:00:00+02:00",
  "valueOfConsumption": 0.021
},
{
  "intervalDateTime": "2025-03-01T05:00:00+02:00",
  "valueOfConsumption": 0.029
},
{
  "intervalDateTime": "2025-03-01T06:00:00+02:00",
  "valueOfConsumption": 0.021
},
{
  "intervalDateTime": "2025-03-01T07:00:00+02:00",
  "valueOfConsumption": 0.027
},
{
  "intervalDateTime": "2025-03-01T08:00:00+02:00",
  "valueOfConsumption": 0.021
},
{
  "intervalDateTime": "2025-03-01T09:00:00+02:00",
  "valueOfConsumption": 0.032
},
{
  "intervalDateTime": "2025-03-01T10:00:00+02:00",
  "valueOfConsumption": 0.025
},
{
  "intervalDateTime": "2025-03-01T11:00:00+02:00",
  "valueOfConsumption": 0.029
},
},
```

```
{
  "intervalDateTime": "2025-03-01T12:00:00+02:00",
  "valueOfConsumption": 0.026
},
{
  "intervalDateTime": "2025-03-01T13:00:00+02:00",
  "valueOfConsumption": 0.036
},
{
  "intervalDateTime": "2025-03-01T14:00:00+02:00",
  "valueOfConsumption": 0.039
},
{
  "intervalDateTime": "2025-03-01T15:00:00+02:00",
  "valueOfConsumption": 0.029
},
{
  "intervalDateTime": "2025-03-01T16:00:00+02:00",
  "valueOfConsumption": 0.027
},
{
  "intervalDateTime": "2025-03-01T17:00:00+02:00",
  "valueOfConsumption": 0.026
},
{
  "intervalDateTime": "2025-03-01T18:00:00+02:00",
  "valueOfConsumption": 0.022
},
{
  "intervalDateTime": "2025-03-01T19:00:00+02:00",
  "valueOfConsumption": 0.023
},
{
  "intervalDateTime": "2025-03-01T20:00:00+02:00",
  "valueOfConsumption": 0.024
},
{
  "intervalDateTime": "2025-03-01T21:00:00+02:00",
```

	<pre> "valueOfConsumption": 0.022 }, { "intervalDateTime": "2025-03-01T22:00:00+02:00", "valueOfConsumption": 0.029 }, { "intervalDateTime": "2025-03-01T23:00:00+02:00", "valueOfConsumption": 0.027 }] }] </pre>
--	--

5.2.11 POST /gateway/public-supplier/order/data-sum-obj-lvl-acr

Resource description	
Definition	Intended to request a cumulative quantities report based on the granted rights.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/order/data-sum-obj-lvl-acr
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre> { "dateFrom": "YYYY-MM-DD", // First day of month, within 36 months "dateTo": "YYYY-MM-DD", // Last day of month (or today if in the current month) "objectNumbers": ["20240226"] } </pre>	<pre> { "orderId": "<unique-order-id>" } </pre>

```
]
}
```

5.2.12 GET /gateway/public-supplier/order/{orderId}/data-sum-obj-lvl-acr

Resource description	
Definition	Retrieves a cumulative quantities report based on the granted rights.
Detailed description of method in API documentation (ENG)	GET /gateway/public-supplier/order/{orderId}/data-sum-obj-lvl-acr
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
Path parameter: orderId 100110	<pre>[{ "personCode": "20241111111", "personName": "Vardenis9", "personSurname": "Pavardenis9", "objectNumber": "20240106", "products": [{ "productCode": "DIENINISSTO", "productName": "El. en. persiuntimas dieniniu tarifu", "productType": "DD", "unit": "kWh", "consumptionCategories": [{ "category": "P+", "consumptions": [{</pre>

```
        "billingPeriod": "2025-12-01",
        "consumptionAmount": 59,
        "productConsumptionType": "SPR"
    }
]
},
{
    "productCode": "DDAG",
    "productName": "El. energijos atgautas kiekis dieniniu tarifu (už galia)",
    "productType": "DD",
    "unit": "kWh",
    "consumptionCategories": [
        {
            "category": "P-",
            "consumptions": [
                {
                    "billingPeriod": "2025-12-01",
                    "consumptionAmount": 0.98,
                    "productConsumptionType": "STA"
                }
            ]
        }
    ]
},
{
    "productCode": "NKTSTO",
    "productName": "El. en. persiuntimas naktiniu, šeštadienio, sekmadienio tarifu",
    "productType": "NK",
    "unit": "kWh",
    "consumptionCategories": [
        {
            "category": "P+",
            "consumptions": [
                {
                    "billingPeriod": "2025-12-01",
                    "consumptionAmount": 28,
                    "productConsumptionType": "SPR"
                }
            ]
        }
    ]
}
```

```
]
},
{
  "productCode": "NKAG",
  "productName": "El. energijos atgautas kiekis naktiniu tarifu (už galią)",
  "productType": "NK",
  "unit": "kWh",
  "consumptionCategories": [
    {
      "category": "P-",
      "consumptions": [
        {
          "billingPeriod": "2025-12-01",
          "consumptionAmount": 0.47,
          "productConsumptionType": "STA"
        }
      ]
    }
  ]
},
{
  "productCode": "VNKS",
  "productName": "El. energijos sukauptas kiekis laikotarpio pabaigai",
  "productType": "VK",
  "unit": "kWh",
  "consumptionCategories": [
    {
      "category": "P-",
      "consumptions": [
        {
          "billingPeriod": "2025-12-01",
          "consumptionAmount": 0,
          "productConsumptionType": "STA"
        }
      ]
    }
  ]
},
{
  "productCode": "VNKGEN",
  "productName": "El. energijos pateiktas kiekis",
  "productType": "VK",
```

```

"unit": "kWh",
"consumptionCategories": [
  {
    "category": "P-",
    "consumptions": [
      {
        "billingPeriod": "2025-12-01",
        "consumptionAmount": 1.45,
        "productConsumptionType": "STA"
      }
    ]
  }
]
]

```

5.3 Object controller

5.3.1 POST /gateway/public-supplier/object/all/active/list

Resource description	
Definition	The method is used to retrieve a list of objects based on selection criteria.
Detailed description of method in API documentation (ENG)	POST /gateway/public-supplier/object/all/active/list
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1

Possible response data 1

```
{
  "consumerCode": null,
  "meterNumber": null,
  "objectDataConsentSign": true,
  "objectNumber": "20240226",
  "personCode": null
}
```

```
[
  {
    "personName": "Vardenis",
    "personSurname": "Pavardenis26",
    "personCode": "*****444",
    "consumerCode": "20240226",
    "objectNumber": "20240226",
    "metersAmount": 1,
    "autoMetersAmount": 1,
    "smartMeterInstallationDate": "2023-02-01",
    "meters": [
      {
        "meterNumber": "SAG000000000026",
        "meterAutomated": true,
        "automationSystem": "MDM",
        "meterScaleLength": 6,
        "scales": [
          {
            "scaleIdentifier": "+WsumT2",
            "scaleProduct": "NK"
          },
          {
            "scaleIdentifier": "+WsumT1",
            "scaleProduct": "DD"
          }
        ]
      }
    ]
  },
  {
    "objectAddress": "Saulés g. 26, Klaipėda",
    "contractType": "SBTS",
    "contractModel": "BSS",
    "supplierType": "GT",
    "timeLimitedObjectValidTo": null,
    "tariffPlan": "Namai",
    "tariffPlanChangeDate": "2023-08-01",
    "timeZone": "2",
    "ownershipDocumentNumber": null,
    "supplyOwnership": "NOT_MY",
  }
]
```

```
"contractStart": null,
"contractEnd": null,
"accountingType": "NET_BILLING",
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 10,
    "powerValidFrom": "2023-07-01",
    "powerValidTo": null
  },
  {
    "powerType": "IOG",
    "power": 10,
    "powerValidFrom": "2023-07-01",
    "powerValidTo": null
  }
],
"generatingObjectGroup": {
  "generatingGroup": null,
  "generatingObjectPriorityGroup": null
},
"objectFutureSuppliers": [],
"usedPowerPlants": [
  {
    "powerPlantObjectNumber": "20240227",
    "powerPlantType": "S",
    "generatingObjectType": "N",
    "generatingPower": 9,
    "powerPlantValidFrom": "2023-08-01",
    "powerPlantValidTo": null,
    "accountingScheme": "NET_BILLING",
    "accountingSchemeValidFrom": "2024-04-01",
    "accountingSchemeValidTo": null,
    "accountingSchemeChangeDate": "2026-01-01",
    "payoffMethod": "B",
    "payoffMethodChangeDate": null
  },
  {
```

```
"powerPlantObjectNumber": "20240228",
"powerPlantType": "S",
"generatingObjectType": "N",
"generatingPower": 5,
"powerPlantValidFrom": "2023-08-01",
"powerPlantValidTo": null,
"accountingScheme": "NET_BILLING",
"accountingSchemeValidFrom": "2024-01-01",
"accountingSchemeValidTo": null,
"accountingSchemeChangeDate": "2026-01-01",
"payoffMethod": "B",
"payoffMethodChangeDate": null
}
],
"objectLatestSupplyState": {
"state": "T",
"stateValidFrom": "2003-02-03",
"stateValidTo": null
},
"contact": {
"mobPhoneNoNetwork": null,
"mobPhoneNo2Network": null,
"mobPhoneInvoice": null,
"phoneNoNetwork": null,
"emailNetwork": null,
"emailNetwork2": null,
"emailInvoice": null
},
"consumptionAverage": 500.1,
"consumptionAverageCalculationDate": "2024-02-09",
"consumptionAverageCalculationMonthsCount": 10,
"powerPlantObjecType": null
}
]
```

