

DH Sandbox API documentation for guaranteed supplier

Contents

1	Documentation version history	2
2	Preface	4
3	Environments.....	5
4	Digital certificates	6
5	Datahub Gateway API documentation	7
5.1	Order controller	7
5.1.1	POST /gateway/guaranteed-supplier/order/list	7
5.1.2	POST /gateway/guaranteed-supplier/order/data-hr-15min-obj-lvl.....	12
5.1.3	GET /gateway/guaranteed-supplier/order/{orderId}/count	15
5.1.4	GET /gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-obj-lvl	16
5.1.5	POST /gateway/guaranteed-supplier/order/data-hr-15min-history-changes.....	42
5.1.6	GET /gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-history-changes	44
5.1.7	POST /gateway/guaranteed-supplier/order/balance-data	45
5.1.8	GET /gateway/guaranteed-supplier/order/{orderId}/balance-data	45
5.1.9	POST /gateway/guaranteed-supplier/order/balance-by-generation-type	49
5.1.10	GET /gateway/guaranteed-supplier/order/{orderId}/balance-by-generation-type	50
5.1.11	POST /gateway/guaranteed-supplier/order/balance-data-by-contract-type	57
5.1.12	GET /gateway/guaranteed-supplier/order/{orderId}/balance-data-by-contract-type	57

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	Added new methods: • POST/gateway/guaranteed-supplier/order/data-hr-15min-history-changes • GET/gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-history-changes Added new possible requests and responses (3, 4, 5) in method: • POST/gateway/guaranteed-supplier/order/data-hr-15min-obj-lvl Added new possible requests and responses (3, 4, 5) in method: • GET /gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-obj-lvl Added new possible request and response (2) in method: • POST/gateway/guaranteed-supplier/order/list
1.0.2	2024-03-06	Added new methods: • POST/gateway/guaranteed-supplier/order/balance-data • POST/gateway/guaranteed-supplier/order/balance-by-generation-type • GET/gateway/guaranteed-supplier/order/{orderId}/balance-data • GET/gateway/guaranteed-supplier/order/{orderId}/balance-by-generation-type In method POST/gateway/guaranteed-supplier/order/list: • 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	In method POST /gateway/guaranteed-supplier/order/data-hr-15min-history-changes: • in JSON request removed dateTo

		In method POST /gateway/guaranteed-supplier/order/v2/list: • in possible response data 2 changed order status date (orderId 100069)
1.0.4	2024-06-05	Changed location of graphVersion attribute in method: • GET /gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-obj-lvl
1.0.5	2024-11-26	In method POST /gateway/guaranteed-supplier/order/list possible request and possible response data 1-3: • Added new attribute involvedPartyPermissionId
1.0.6	2025-03-03	Added new methods: • POST /gateway/guaranteed-supplier/order/balance-data-by-contract-type • GET /gateway/guaranteed-supplier/order/{orderId}/balance-data-by-contract-type

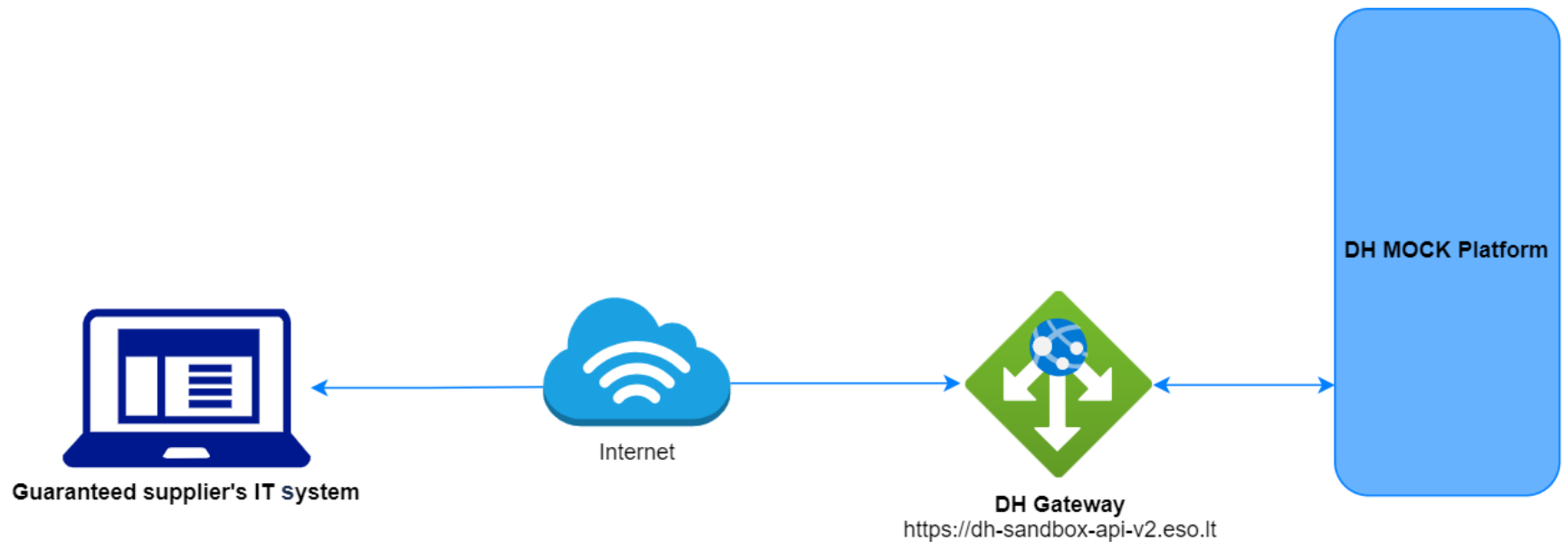
Note: Changes in table marked in white are already deployed, marked in green will be deployed in near future.

2 Preface

The Common Data Exchange Platform (hereinafter referred as *DH Platform*) Gateway is a component enabling guaranteed 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 guaranteed 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 guaranteed supplier's information systems with DH Platform.



3 Environments

There are two DH Gateway environments the guaranteed 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 guaranteed supplier is established using a TOKEN, which the guaranteed 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 Order controller

5.1.1 POST /gateway/guaranteed-supplier/order/list

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

Possible request 1	Possible response data 1
{ "auto": false, "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderId": null, "orderParametersSearch": null, "orderTypes": ["data-hr-15min-obj-lvl"], "status": "IV", "submittedDateFrom": null, "submittedDateTo": null,	[{ "orderId": 100052, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-01-04T07:50:17.811", "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderParameters": "{\"consumptionCategories\":[\"P+\",\"P-\", \"\", \"\"]}\"objectNumbers\":[\"20240104\"],\"interval\":\"HOURL\"}", "latestStatus": "IV", "statusCode": "2024-01-04T07:50:20.966", "expireDate": "2124-01-05T07:50:20.966",

<pre> "userNameSearch": null, "involvedPartyPermissionId": null } </pre>	<pre> "auto": false, "userName": "PUBLIC", "involvedPartyPermissionId": null }, { "orderId": 100053, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-01-04T11:08:04.494", "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderParameters": "{\\"consumptionCategories\\":[\\\"P+\\\"],\\"objectNumbers\\":[\\\"20240105\\\"],\\"interval\\":\\"HOUR\\\"}", "latestStatus": "IV", "statusDate": "2024-01-04T11:08:06.586", "expireDate": "2124-01-05T11:08:06.586", "auto": false, "userName": "PUBLIC", "involvedPartyPermissionId": null } } </pre>
Possible request 2	Possible response data 2
<pre> { "auto": false, "dateFrom": null, "dateTo": null, "orderId": null, "orderParametersSearch": null, "orderTypes": null, "status": "IV", "submittedDateFrom": "2024-01-01T00:00:00", "submittedDateTo": null, "userNameSearch": null, "involvedPartyPermissionId": null } </pre>	<pre> [{ "orderId": 100052, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2024-01-04T07:50:17.811", "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "orderParameters": "{\\"consumptionCategories\\":[\\\"P+\\\",\\\"P-\\\"],\\"objectNumbers\\":[\\\"20240104\\\"],\\"interval\\":\\"HOUR\\\"}", "latestStatus": "IV", "statusDate": "2024-01-04T07:50:20.966", "expireDate": "2124-01-05T07:50:20.966", "auto": false, "userName": "PUBLIC", "involvedPartyPermissionId": null }] </pre>


```
},
{
  "orderId": 100053,
  "orderType": "data-hr-15min-obj-lvl",
  "submittedDate": "2024-01-04T11:08:04.494",
  "dateFrom": "2023-12-01",
  "dateTo": "2023-12-01",
  "orderParameters":
    "{\\"consumptionCategories\\":[\\\"P+\\\"],\\"objectNumbers\\":[\\\"20240105\\\"],\\"interval\\":\\"HOUR\\\"}",
    "latestStatus": "IV",
    "statusDate": "2024-01-04T11:08:06.586",
    "expireDate": "2124-01-05T11:08:06.586",
    "auto": false,
    "userName": "PUBLIC",
    "involvedPartyPermissionId": null
},
{
  "orderId": 100067,
  "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\\":[\\\"20240226\\\"],\\"interval\\":\\"HOUR\\\",\\"netBilling\\":{\\"intervalData\\":true,\\"intervalD
ataRecalculation\\":false,\\"intervalDataDetailed\\":false}}",
    "latestStatus": "IV",
    "statusDate": "2024-03-07T12:01:00",
    "expireDate": "2122-03-07T10:01:00",
    "auto": false,
    "userName": "PUBLIC",
    "involvedPartyPermissionId": null
},
{
  "orderId": 100068,
  "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\\":[\\\"20240226\\\"],\\"interval\\":\\"HOUR\\\",\\"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",
  "involvedPartyPermissionId": null
},
{
  "orderId": 100069,
  "orderType": "data-hr-15min-history-changes",
  "submittedDate": "2024-02-29T11:00:00",
  "dateFrom": "2024-01-01",
  "dateTo": "2024-02-29",
  "orderParameters": "{\\"objectNumbers\\":[\\\"20240226\\\"]}",
  "latestStatus": "IV",
  "statusDate": "2024-02-29T12:01:00",
  "expireDate": "2122-03-07T10:01:00",
  "auto": false,
  "userName": "PUBLIC",
  "involvedPartyPermissionId": null
},
{
  "orderId": 100070,
  "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\\":[\\\"20240226\\\"],\\"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",
  "involvedPartyPermissionId": null
}
```

	<pre>}, { "orderId": 100077, "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", "involvedPartyPermissionId": null }, { "orderId": 100078, "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", "involvedPartyPermissionId": null } }</pre>
Possible request 3	Possible response data 3
<pre>{ "orderId": null, "orderTypes": ["balance-data", "balance-by-generation-type"], "submittedDateFrom": null,</pre>	<pre>[{ "orderId": 100077, "orderType": "balance-data", "submittedDate": "2024-03-04T08:30:48.302", "dateFrom": "2024-03-01",</pre>

<pre> "submittedDateTo": null, "dateFrom": null, "dateTo": null, "status": "IV", "auto": false, "userNameSearch": null, "orderParametersSearch": null, "involvedPartyPermissionId": null } </pre>	<pre> "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", "involvedPartyPermissionId": null }, { "orderId": 100078, "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", "involvedPartyPermissionId": null }] </pre>
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5.1.2 POST /gateway/guaranteed-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 guaranteed supplier can only order the data of objects in guaranteed supply.
Detailed description of method in DH API documentation for guaranteed supplier	POST /gateway/guaranteed-supplier/order/data-hr-15min-obj-lvl
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
<pre>{ "consumptionCategories": ["P+", "P-"], "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "interval": "HOUR", "objectNumbers": ["20240104"] }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>
Possible request 2	Possible response data 2
<pre>{ "consumptionCategories": ["P+"], "dateFrom": "2023-12-01", "dateTo": "2023-12-01", "interval": "HOUR", "objectNumbers": ["20240105"] }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>
Possible request 3	Possible response data 3
<pre>{ "consumptionCategories": ["P+", "P-"], "dateFrom": "2024-02-20",</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

<pre> "dateTo": "2024-02-20", "interval": "HOUR", "objectNumbers": ["20240226"], "netBilling": { "intervalData": true, "intervalDataRecalculation": false, "intervalDataDetailed": false } } </pre>	
Possible request 4	Possible response data 4
<pre> { "consumptionCategories": ["P+", "P-"], "dateFrom": "2024-02-20", "dateTo": "2024-02-20", "interval": "HOUR", "objectNumbers": ["20240226"], "netBilling": { "intervalData": true, "intervalDataRecalculation": false, "intervalDataDetailed": true } } </pre>	<pre> { "orderId": [a new Id is generated] } </pre>
Possible request 5	Possible response data 5
<pre> { "consumptionCategories": ["P+", "P-"] } </pre>	<pre> { "orderId": [a new Id is generated] } </pre>

<pre>], "dateFrom": "2024-02-01", "dateTo": "2024-02-29", "interval": "HOUR", "objectNumbers": ["20240226"], "netBilling": { "intervalData": true, "intervalDataRecalculation": true, "intervalDataDetailed": true } } }</pre>	
--	--

5.1.3 GET /gateway/guaranteed-supplier/order/{orderId}/count

Resource description	
Definition	Method which will return count (number), how many items the guaranteed supplier will get in ordered report (reports could have more than 1 item, so it is List). It should be used when the guaranteed supplier needs to split data in few portions. This response should be used in reports' GET methods request, where guaranteed supplier can provide method parameters information.
Detailed description of method in DH API documentation for guaranteed supplier	GET /gateway/guaranteed-supplier/order/{orderId}/count
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
URL parameters: orderId - 100052	<pre>{ "count": 1 }</pre>

5.1.4 GET /gateway/guaranteed-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 guaranteed supplier	GET /gateway/guaranteed-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: • <code>orderId</code> – 100052	<pre>[{ "personCode": "202401040", "personName": "Jmonės pavadinimas 205", "personSurname": null, "objectId": 2024010, "objectNumber": "20240104", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2023-12-01T00:00:00+02:00", "amount": 0.002, "valueType": "VAL", "usageType": null, "graphVersion": null }] }] }]</pre>	<pre>{ "consumptionCategory": "P-", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2023-12-01T00:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T01:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T02:00:00+02:00", </pre>


```
"consumptionTime": "2023-12-01T01:00:00+02:00",
"amount": 0,
"valueType": "VAL",
"usageType": null,
"graphVersion": null
},
{
  "consumptionTime": "2023-12-01T02:00:00+02:00",
  "amount": 0.002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T03:00:00+02:00",
  "amount": 0.002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T04:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T05:00:00+02:00",
  "amount": 0.002,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
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  "amount": 0.002,
  "valueType": "VAL",
  "usageType": null,
```

```
"amount": 0,
"valueType": "VAL",
"usageType": null,
"graphVersion": null
},
{
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  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T04:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T05:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T06:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T07:00:00+02:00",
  "amount": 0.09,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
```

```

    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T07:00:00+02:00",
    "amount": 0.012,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T08:00:00+02:00",
    "amount": 0,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T09:00:00+02:00",
    "amount": 0,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T10:00:00+02:00",
    "amount": 0,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T11:00:00+02:00",
    "amount": 0,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T12:00:00+02:00",

```

```

  },
  {
    "consumptionTime": "2023-12-01T08:00:00+02:00",
    "amount": 0.754,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T09:00:00+02:00",
    "amount": 5.086,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T10:00:00+02:00",
    "amount": 1.92,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T11:00:00+02:00",
    "amount": 2.094,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T12:00:00+02:00",
    "amount": 1.618,
    "valueType": "VAL",
    "usageType": null,
    "graphVersion": null
  },
  {
    "consumptionTime": "2023-12-01T13:00:00+02:00",
    "amount": 1.742,

```

```
"amount": 0,
"valueType": "VAL",
"usageType": null,
"graphVersion": null
},
{
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  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T14:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T15:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T16:00:00+02:00",
  "amount": 0.016,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T17:00:00+02:00",
  "amount": 0.028,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
}
```

```
"valueType": "VAL",
"usageType": null,
"graphVersion": null
},
{
  "consumptionTime": "2023-12-01T14:00:00+02:00",
  "amount": 2.436,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T15:00:00+02:00",
  "amount": 1.864,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T16:00:00+02:00",
  "amount": 0.258,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T17:00:00+02:00",
  "amount": 0.008,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
{
  "consumptionTime": "2023-12-01T18:00:00+02:00",
  "amount": 0,
  "valueType": "VAL",
  "usageType": null,
  "graphVersion": null
},
}
```

```

    },
    {
      "consumptionTime": "2023-12-01T18:00:00+02:00",
      "amount": 0.002,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
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      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
      "consumptionTime": "2023-12-01T20:00:00+02:00",
      "amount": 0.002,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
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      "amount": 0.002,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
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      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
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    {
      "consumptionTime": "2023-12-01T23:00:00+02:00",
      "amount": 0.002,

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```

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      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
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      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
      "consumptionTime": "2023-12-01T21:00:00+02:00",
      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
      "consumptionTime": "2023-12-01T22:00:00+02:00",
      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    },
    {
      "consumptionTime": "2023-12-01T23:00:00+02:00",
      "amount": 0,
      "valueType": "VAL",
      "usageType": null,
      "graphVersion": null
    }
  ]
}

```

	<pre> "valueType": "VAL", "usageType": null, "graphVersion": null }] },]</pre>	
Possible request 2	Possible response data 2	Possible response data 2 (continuation)
URL parameters: • orderId - 100053	<pre>[{ "personCode": "20242024014", "personName": "Vardenis10", "personSurname": "Pavardenis10", "objectId": 2024011, "objectNumber": "20240105", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2023-12-01T00:00:00+02:00", "amount": 0.2517, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T01:00:00+02:00", "amount": 0.2612, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T02:00:00+02:00", "amount": 0.2627,</pre>	<pre>{ "consumptionTime": "2023-12-01T11:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T12:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T13:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T14:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T15:00:00+02:00",</pre>

```
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T03:00:00+02:00",  
"amount": 0.2188,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T04:00:00+02:00",  
"amount": 0.0565,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

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},
```

```
{
```

```
"consumptionTime": "2023-12-01T05:00:00+02:00",  
"amount": 0.0008,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
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},
```

```
{
```

```
"consumptionTime": "2023-12-01T06:00:00+02:00",  
"amount": 0,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

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},
```

```
{
```

```
"consumptionTime": "2023-12-01T07:00:00+02:00",  
"amount": 0,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
"amount": 0,
```

```
"valueType": "VAL",
```

```
"usageType": null,
```

```
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T16:00:00+02:00",  
"amount": 0,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T17:00:00+02:00",  
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"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T18:00:00+02:00",  
"amount": 0.0001,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T19:00:00+02:00",  
"amount": 0.0065,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

```
},
```

```
{
```

```
"consumptionTime": "2023-12-01T20:00:00+02:00",  
"amount": 0.2129,  
"valueType": "VAL",  
"usageType": null,  
"graphVersion": null
```

	<pre>{ "consumptionTime": "2023-12-01T08:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T09:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T10:00:00+02:00", "amount": 0, "valueType": "VAL", "usageType": null, "graphVersion": null }, }</pre>	<pre>}, { "consumptionTime": "2023-12-01T21:00:00+02:00", "amount": 0.2476, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T22:00:00+02:00", "amount": 0.2613, "valueType": "VAL", "usageType": null, "graphVersion": null }, { "consumptionTime": "2023-12-01T23:00:00+02:00", "amount": 0.2641, "valueType": "VAL", "usageType": null, "graphVersion": null }] }]</pre>
Possible request 3	Possible response data 3	Possible response data 3 (continuation)
URL parameters: • orderId – 100067 Note: In the order shows the "Net billing" object's	<pre>[{ "personCode": "20240244444", "personName": "Vardenis", "personSurname": "Pavardenis26", "objectId": 202026, "objectNumber": "20240226", "consumptionCategories": [{</pre>	<pre>{ "consumptionCategory": "P-", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 1.8000, "valueType": "VAL",</pre>

20240226 before recalculation. data the	"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", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T02:00:00+02:00", "amount": 4.0208, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T03:00:00+02:00", "amount": 4.265, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T04:00:00+02:00", "amount": 3.9712, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" },	"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", "amount": 4.2050, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T03:00:00+02:00", "amount": 2.0000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T04:00:00+02:00", "amount": 4.6000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T05:00:00+02:00", "amount": 8.0000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, {
--	---	--


```
{
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  "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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  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
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  "amount": 3.8496,
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  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
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  "amount": 2.9632,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T10:00:00+02:00",
  "amount": 1.2976,
  "valueType": "VAL",
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"amount": 4.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T07:00:00+02:00",
  "amount": 5.5000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T08:00:00+02:00",
  "amount": 6.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T09:00:00+02:00",
  "amount": 7.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
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  "amount": 4.7000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-06T09:00:00+02:00"
},
{
  "consumptionTime": "2024-02-20T11:00:00+02:00",
  "amount": 2.8000,
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  "usageType": "B",
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	<pre>"usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T11:00:00+02:00", "amount": 0.1312, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T12:00:00+02:00", "amount": 0.2368, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T13:00:00+02:00", "amount": 2.4081, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T14:00:00+02:00", "amount": 1.0672, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T15:00:00+02:00", "amount": 2.2352, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, {</pre>	<pre>"graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T12:00:00+02:00", "amount": 3.1000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T13:00:00+02:00", "amount": 4.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T14:00:00+02:00", "amount": 5.6000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T15:00:00+02:00", "amount": 4.2000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T16:00:00+02:00", "amount": 4.4000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T17:00:00+02:00",</pre>
--	--	--

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"graphVersion": "2024-03-06T09:00:00+02:00"
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"amount": 4.0192,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T18:00:00+02:00",
"amount": 4.2448,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
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"amount": 4.0528,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T20:00:00+02:00",
"amount": 4.0752,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T21:00:00+02:00",
"amount": 6.0688,
"valueType": "VAL",
"usageType": "B",
```

```
"amount": 9.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T18:00:00+02:00",
"amount": 6.5000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
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"consumptionTime": "2024-02-20T19:00:00+02:00",
"amount": 3.8000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
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"amount": 4.2100,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T21:00:00+02:00",
"amount": 5.6000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
},
{
"consumptionTime": "2024-02-20T22:00:00+02:00",
"amount": 4.0000,
"valueType": "VAL",
"usageType": "B",
"graphVersion": "2024-03-06T09:00:00+02:00"
```

	<pre> "graphVersion": "2024-03-06T09:00:00+02:00" }, { "consumptionTime": "2024-02-20T22:00:00+02:00", "amount": 2.0736, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }, { "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> }, { "consumptionTime": "2024-02-20T23:00:00+02:00", "amount": 7.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-06T09:00:00+02:00" }] }</pre>
Possible request 4	Possible response data 4	Possible response data 4 (continuation)
URL parameters: • orderId – 100068 Note: In the order shows the "Net billing" object's 20240226 data before the recalculation.	<pre>[{ "personCode": "20240244444", "personName": "Vardenis", "personSurname": "Pavardenis26", "objectId": 202026, "objectNumber": "20240226", "consumptionCategories": [{ "consumptionCategory": "P+", "powerPlantObjectNumber": null, "powerPlantType": null, "consumptions": [{ "consumptionTime": "2024-02-20T00:00:00+02:00", "amount": 3.9904, "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",</pre>

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  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
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  "amount": 2.2352,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
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  "amount": 3.8992,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
```

```
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},
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  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
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  "amount": 1.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
  "consumptionTime": "2024-02-20T04:00:00+02:00",
  "amount": 3.0000,
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  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
  "consumptionTime": "2024-02-20T05:00:00+02:00",
  "amount": 5.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
  "consumptionTime": "2024-02-20T06:00:00+02:00",
  "amount": 3.0000,
  "valueType": "VAL",
  "usageType": "B",
  "graphVersion": "2024-03-10T11:30:00+02:00"
},
{
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<pre> "consumptionTime": "2024-02-20T17:00:00+02:00", "amount": 4.0192, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T18:00:00+02:00", "amount": 4.2448, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T19:00:00+02:00", "amount": 4.0528, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T20:00:00+02:00", "amount": 4.0752, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T21:00:00+02:00", "amount": 6.0688, "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", </pre>	<pre> { "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": "2024-02-20T12:00:00+02:00", "amount": 1.6000, "valueType": "VAL", </pre>
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	<pre>"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" }, { "consumptionTime": "2024-02-20T08:00:00+02:00", "amount": 2.0000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00"</pre>	<pre>"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" }, { "consumptionTime": "2024-02-20T23:00:00+02:00", "amount": 4.0000, "valueType": "VAL", "usageType": "B",</pre>
--	---	---

	<pre> }, { "consumptionTime": "2024-02-20T09:00:00+02:00", "amount": 3.0000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T10:00:00+02:00", "amount": 2.3000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T11:00:00+02:00", "amount": 1.2000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, { "consumptionTime": "2024-02-20T12:00:00+02:00", "amount": 1.5000, "valueType": "VAL", "usageType": "B", "graphVersion": "2024-03-10T11:30:00+02:00" }, },], "graphVersion": "2024-03-10T11:30:00+02:00"</pre>
--	---

5.1.5 POST /gateway/guaranteed-supplier/order/data-hr-15min-history-changes

Resource description	
Definition	The method is intended for ordering "Net billing accounting scheme changes of interval data" report.

Detailed description of method in DH API documentation for guaranteed supplier	POST /gateway/guaranteed-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": "2024-01-01", "objectNumbers": ["20240226"] }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

5.1.6 GET /gateway/guaranteed-supplier/order/{orderId}/data-hr-15min-history-changes

Resource description	
Definition	The method is designed to obtain "Net billing accounting scheme changes of interval data" report.
Detailed description of method in DH API documentation for guaranteed supplier	GET /gateway/guaranteed-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: • orderId – 100069 Note: In the order shows the „Net billing“ object's 20240226 data.	<pre>[{ "personCode": "20240244444", "personName": "Vardenis", "personSurname": "Pavardenis26", "objectNumber": "20240226", "periodsWithChanges": [{ "billingPeriod": "2024-02", "reasons": ["GENERATION_CHANGE"] }] }]</pre>

5.1.7 POST /gateway/guaranteed-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/guaranteed-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": "2024-03-01", "dateTo": "2024-03-01", "interval": "HOUR" }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

5.1.8 GET /gateway/guaranteed-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/guaranteed-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 - 100077	<pre>{ "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,</pre>

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},
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  "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",
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  "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
},
{
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```

```
"valueOfGeneration": 0.014,  
"valueOfConsumption": 0.039  
},  
{  
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  "valueOfGeneration": 0.009,  
  "valueOfConsumption": 0.029  
},  
{  
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  "valueOfGeneration": 0.007,  
  "valueOfConsumption": 0.027  
},  
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{  
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  "valueOfGeneration": 0.008,  
  "valueOfConsumption": 0.022  
},  
{  
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  "valueOfGeneration": 0.017,  
  "valueOfConsumption": 0.023  
},  
{  
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  "valueOfConsumption": 0.024  
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{  
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  "valueOfGeneration": 0.016,  
  "valueOfConsumption": 0.022  
},  
{
```


	<pre> "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 }] } </pre>
--	---

5.1.9 POST /gateway/guaranteed-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/guaranteed-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": "2024-03-01", "dateTo": "2024-03-01", "interval": "HOUR" } </pre>	<pre> { "orderId": [a new Id is generated] } </pre>

5.1.10 GET /gateway/guaranteed-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/guaranteed-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: orderId - 100078	[{ "generationType": "S", "timeSeriesData": [{ "intervalDateTime": "2024-03-01T00:00:00+02:00", "generationCategories": [{ "generationCategory": "PRODUCERS", "valueOfGeneration": 0.012 }, { "generationCategory": "PROSUMERS", "valueOfGeneration": 9.568 }, { "generationCategory": "UNALLOCATED", "valueOfGeneration": 0 }, { "generationCategory": "REMOTE-PROSUMERS", "valueOfGeneration": 0.498 }] }] }]	{ "intervalDateTime": "2024-03-01T12:00:00+02:00", "generationCategories": [{ "generationCategory": "PRODUCERS", "valueOfGeneration": 0.119 }, { "generationCategory": "PROSUMERS", "valueOfGeneration": 9.536 }, { "generationCategory": "UNALLOCATED", "valueOfGeneration": 0 }, { "generationCategory": "REMOTE-PROSUMERS", "valueOfGeneration": 0.498 }] }

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        "valueOfGeneration": 0
      }
    ]
  },
  {
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      {
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        "valueOfGeneration": 9.522
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      {
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        "valueOfGeneration": 0
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      {
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  {
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        "valueOfGeneration": 0.13
      },
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        "generationCategory": "PROSUMERS",
        "valueOfGeneration": 9.255
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        "generationCategory": "UNALLOCATED",
        "valueOfGeneration": 0.444
      }
    ]
  }
]
```

```
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    {
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      "valueOfGeneration": 9.456
    },
    {
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    {
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},
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      "valueOfGeneration": 0.015
    },
    {
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      "valueOfGeneration": 9.566
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}
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```
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    },
    {
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      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
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    },
    {
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      "valueOfGeneration": 9.111
    },
  ],
```

```
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]
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    {
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    },
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    },
    {
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    },
    {
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      "valueOfGeneration": 0.588
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    {
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      "valueOfGeneration": 0.012
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    {
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      "valueOfGeneration": 9.575
    },
    {
      "generationCategory": "UNALLOCATED",
      "valueOfGeneration": 0
    },
    {
      "generationCategory": "REMOTE-PROSUMERS",
      "valueOfGeneration": 0.484
    }
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},
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      "valueOfGeneration": 0.013
    },
    {
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    },
    {
      {
```

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      {
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        "valueOfGeneration": 0
      },
      {
        "generationCategory": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.505
      }
    ]
  },
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        "valueOfGeneration": 0.012
      },
      {
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        "valueOfGeneration": 9.365
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        "valueOfGeneration": 0.412
      }
    ]
  },
  {
    "intervalDateTime": "2024-03-01T08:00:00+02:00",
    "generationCategories": [
      {
        "generationCategory": "PRODUCERS",
```

```
        "generationCategory": "UNALLOCATED",
        "valueOfGeneration": 0
      },
      {
        "generationCategory": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.498
      }
    ]
  },
  {
    "intervalDateTime": "2024-03-01T19:00:00+02:00",
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        "generationCategory": "PRODUCERS",
        "valueOfGeneration": 0.013
      },
      {
        "generationCategory": "PROSUMERS",
        "valueOfGeneration": 9.452
      },
      {
        "generationCategory": "UNALLOCATED",
        "valueOfGeneration": 0
      },
      {
        "generationCategory": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.502
      }
    ]
  },
  {
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    "generationCategories": [
      {
        "generationCategory": "PRODUCERS",
        "valueOfGeneration": 0.01
      },
      {
        "generationCategory": "PROSUMERS",
```

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        "valueOfGeneration": 0.133
      },
      {
        "generationCategory": "PROSUMERS",
        "valueOfGeneration": 9.688
      },
      {
        "generationCategory": "UNALLOCATED",
        "valueOfGeneration": 0
      },
      {
        "generationCategory": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.566
      }
    ]
  },
  {
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        "valueOfGeneration": 0.132
      },
      {
        "generationCategory": "PROSUMERS",
        "valueOfGeneration": 9.652
      },
      {
        "generationCategory": "UNALLOCATED",
        "valueOfGeneration": 0
      },
      {
        "generationCategory": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.501
      }
    ]
  },
  {
    "intervalDateTime": "2024-03-01T10:00:00+02:00",
```

```
        "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": "REMOTE-PROSUMERS",
        "valueOfGeneration": 0.487
      }
    ]
  },
  {
    "intervalDateTime": "2024-03-01T22:00:00+02:00",
    "generationCategories": [
      {
        "generationCategory": "PRODUCERS",
        "valueOfGeneration": 0.012
```

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

	},	
--	----	--

5.1.11 POST /gateway/guaranteed-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/guaranteed-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": "2025-03-01", "dateTo": "2025-03-01", "interval": "HOUR" }</pre>	<pre>{ "orderId": [a new Id is generated] }</pre>

5.1.12 GET /gateway/guaranteed-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/guaranteed-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: orderId - 100106	<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", "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 }] }]</pre>

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  "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",
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},
{
  "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",
      "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
    }
  ]
}
```