API documentation (sandbox)

1. Documentation version history

The table below provides information on document version history:

Version	Date	Description
1.0	2021-03-19	New documentation format. From now on, all data is provided only in the main description of the API.
1.0	2021-03-19	Updated JSON specification of POST /reports/accounting-data-pack-b2c?first={integer}?count={integer} method. Added new fields. Mocking data will be shared after deployment.
1.0	2021-03-19	Updated JSON specification of POST /reports/accounting-data-pack-b2b-meters-level method. Added new fields. Mocking data will be shared after deployment.
1.1	2021-03-23	Added new version of method: • GET /gateway/supplier/v3/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}
~~1.2~~	~~2021-05-10~~	~~(will be deployed in next sprint) Rename "contractType" to "contractModel" and added new json fields: "clientName", "contractType", "currentSupplierType" in:~~ ~~• Method client-objects-information~~
~~1.3~~	~~2021-09-02~~	~~(will be deployed in next sprint) Added contract data controller.~~
1.4	2021-09-20	Added notification contract termination controller.
1.5	~~2021-10-08~~	~~Added supplier change notification v2 controller~~
1.6	2021-10-15	The structure of the sample data has been changed to json format (notification contract termination controller, ~~supplier change notification v2 controller~~).
1.7	2021-10-27	Added new json fields: "noCoowner", "ntGetCoownerConsent", "coownerConsentDate" in: • Method contract/termination/list (possible response data) • Method contract/termination (possible request)
1.8	~~2021-11-29~~	~~The structure of the sample data has been changed to json format:~~ ~~• contract change notification controller~~

Version	Date	Description
1.9	2021-12-14	Added the new object controller
2.0	2021-12-14	Added the new notification tariff plan controller
2.1	2021-12-22	Added the new contract controller
2.2	2021-12-22	Added the new notification contract contact controller
2.3	2021-12-22	Added the new order controller
2.4	2022-01-24	• Added the new sandbox method: „POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}" • Changed the controller name from "Contract object controller" into "Object controller" • Changed url from "POST /gateway/contract-object/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}" into "POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}"
2.5	2022-01-24	Changed „Tariff plan change notification controller" into „Notification contract tariff plan controller" Changed URL in the Notification contract tariff plan controller: • POST /gateway/notification/contract/tarif-plan/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} • POST /gateway/notification/contract/tariff-plan • POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel Changed „Contact change notification controller" into „Notification contract contact controller" Changed URL in the Notification contract contact controller: • POST /gateway/notification/contract/contact/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} • POST /gateway/notification/contract/contact • POST /gateway/notification/{notificationId}/contract/contact/cancel

Version	Date	Description
2.6	2022-01-24	Changed „Contract termination notification controller" into „Notification contract termination controller". Changed URL in the Notification contract termination controller: • POST /gateway/notification/contract/termination/list?first={integer}&count={integer}&sortOrder={ASC/DSC} • POST /gateway/notification/contract/termination • POST /gateway/notification/{notificationId}/contract/termination/cancel
2.7	2022-01-24	Added new controller "Notification contract controller". ▪ Methods in this controller are very similar to method in controller „Contract change notification controller". ▪ Note: The controller "Contract change notification controller" and its methods will be eliminated after "Notification contract controller" implementation date + 6 months.
2.8	2022-01-28	Removed controller and its methods "Supplier change notification v2 controller". It has not yet been implemented, only a change in the documentation.
2.9	2022-01-31	Added errorType in method: • POST /gateway/notification/contract/termination/list?first={integer}&count={integer}&sortOrder={ASC/DSC}
3.0	2022-01-31	Added errorType in method: • POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC}
3.1	2022-03-09	Added method: • POST /gateway/declaration/reading/list
3.2	2022-03-09	Prepared methods for 2s2s report: • Method POST/gateway/order/list • Method POST/gateway/order/{orderShortName} • Method GET/gateway/order/{orderId}/2s2s • Method GET/gateway/order/{orderId}/{orderShortName}/count
3.3	2022-03-14	Prepared methods for 2s2s report: • Method POST/gateway/order/list • Method POST/gateway/order/{orderShortName}

Version	Date	Description
		• Method GET/gateway/order/{orderId}/2s2s
3.4	2022-03-23	Prepared a few methods for hr-object and hr-meter reports: • POST/gateway/order/{hrOrderShortName}; • POST/gateway/order/list
3.5	2022-04-12	Prepared methods for report-obj: • GET/gateway/order/{orderId}/report – obj • POST/gateway/order/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} – request 5, response 5 • POST/gateway/order/{orderShortName} – request 2, response 2
3.6	2022-04-22	Deleted method for Data orders controller: • Method data-orders Deleted methods for Report controller: • Method accounting-data-pack-b2b • Method accounting-data-pack-b2b-count
3.7	2022-04-27	Added a new possible request (when „changeType"="NTK", contractType"= "SBTS" or contractType"= "SKMS") in the method {POST /gateway/notification/contract/list }.
3.8.	2022-04-28	Added a new possible request (when „changeType"="NTK", contractType"= "SBTS" or contractType"= "SKMS") in the method {POST /gateway/notification/contract}.
3.9.	2022-06-03	Added new atributes about representative in methods: • POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC} • POST /gateway/notification/contract
4.0	2022-06-28	Removed sandbox: • GET /gateway/supplier/v2/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string} Removed sandbox from „Supplier change notification controller". • POST /supplier/v2/supplier-change-notifications (new) • POST /supplier/cancel-supplier-change-notification • POST /supplier/client/client-objects-information (new) Prepared methods for access right controller (new)

Version	Date	Description
		• POST /gateway/access-right/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} • POST /gateway/access-right • POST /gateway/access-right/{accessRightId}/cancel
4.1	2022-07-20	Added sandbox: Notification cancellation controller Added sandbox: Notification contract object supply state controller Added a new possible request in the method {Method POST /gateway/object/my/active/}
4.2	2022-08-25	Edited possible request 7 in method: POST /gateway/notification/contract Changes - payoffmethod meaning changed to null.
4.3	2022-08-26	Added new possible request 8 in method: POST /gateway/notification/contract
4.4	2022-08-31	Restored the parameter objectNumbers into objectNumber in all possible requests in method: • POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}
4.5	2022-09-02	Edited possible response 2 in method: • POST /gateway/object/my/active/list Edited possible response 2 in method: • POST /gateway/notification/contract/object/supply-state/list?first={integer}&count={integer}&sortOrder={ASC/DSC} Edited possible requests 1 and 2 in method: • POST /gateway/notification/contract/object/supply-state Edited possible request 1 in method: • POST /gateway/notification/{notificationId}/contract/object/supply-state/cancel Changes are marked in blue.
4.6	2022-09-30	Edited possible request 2 in method: • POST /gateway/notification/contract/object/supply-state

2. Preface

The Common Data Exchange Platform (hereinafter referred as *DH Platform*) Gateway is a component enabling independent electricity suppliers to directly access DH Platform from within their IT systems and thus helps automate the following business processes:

- Obtaining electricity consumption history data with the purpose of providing commercial proposals for the potential clients – residential and industrial electricity consumers
- Providing information to Distribution System Operator about the new contracts with the clients who have switched their supplier

DH Gateway provides open standards-based interfaces allowing independent suppliers 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 suppliers' information systems with DH Platform.
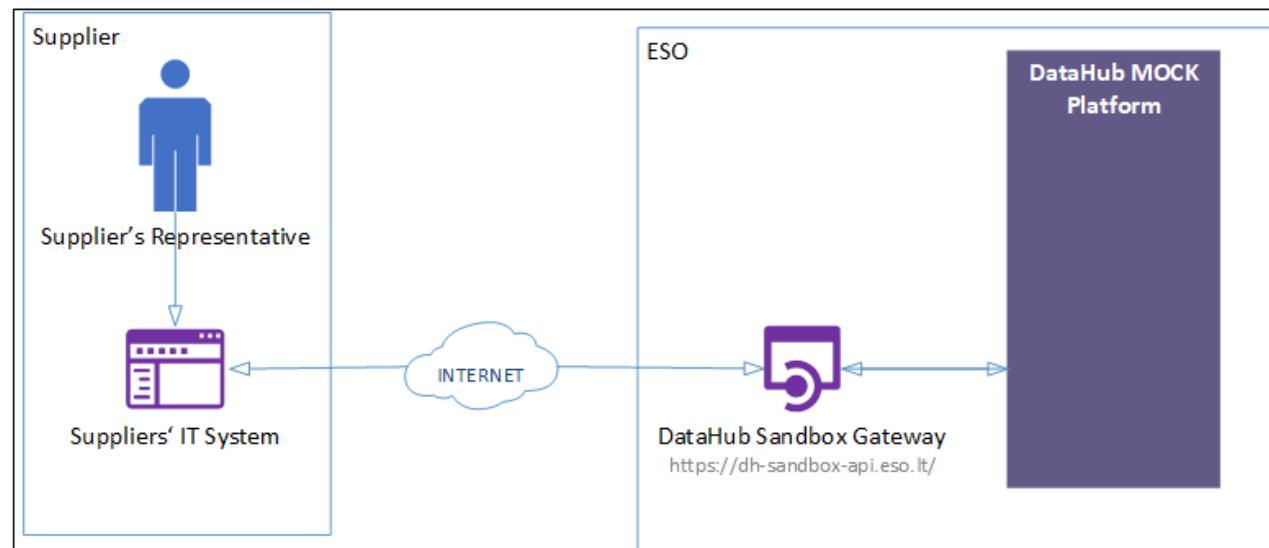
3. Environments

There are two DataHub Gateway environments the supplier might access:

- "Sandbox" environment

- Production environment

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

4. Suppliers digital certifications

In both the testing and production environments of the DH Gateway component, the identity of the supplier is established using a TOKEN, which the 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 DataHub Gateway API - the TOKEN submission in the case of cUrl takes place.

5. DataHub Gateway API documentation

This document section describes the technical DataHub 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 Declaration controller

Declaration controller provides information about API methods intended for objects non smart meters data declaration amount for DSO.

5.1.1 Method get-declaration-data (v3)

Resource description

Definition	The supplier receives data on the latest known meter scale consumption of its customers objects.
Detailed description of method in API documentation (ENG)	GET /gateway/supplier/v3/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "objectNumber": "11111111"
}
	
	[
	{"clientId": "11111111111",
	"customerId": "11111111",
	"clientName": "Vardas1 Pavardė1",
	"readings":
	[
	{"objectNumber": "11111111",
	"objectAddress": "Vilniaus g. 1, Vilnius",
	"counterNumber": "11111",
	"scaleMaxchar": 8,
	"conversionPoss": false,
	"scales":
	[
	{"scaleId": 5498879,
	"scaleIdentifier": "+WsumT2",
	"scaleType": "VK",
	"readingFromDate": "2022-02-28T23:59:00",
	"readingFrom": 40615,
	"readingMin": 40615,
	"readingSource": "V"
	}

```json
]
},
{
"objectNumber": "11111111",
"objectAddress": "Vilniaus g. 1, Vilnius",
"counterNumber": "8888",
"scaleMaxchar": 8,
"conversionPoss": false,
"scales":
[
{
"scaleId": 5498880,
"scaleIdentifier": "+WsumT4",
"scaleType": "VK",
"readingFromDate": "2022-02-28T23:59:00",
"readingFrom": 49038,
"readingMin": 49038,
"readingSource": "V"
}
]
}
]
}
]
```

5.1.2 Method POST /gateway/declaration/reading/list

Resource description	
Definition	The method is intended to obtain the last declared data of the supplier's customer objects. The method is also designed to obtain changes in the declaration data.
Detailed description of method in API documentation (ENG)	POST /gateway/declaration/reading/list
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

<pre>{
   "objectNumber": "11111111",
   "cdcDateTimeFrom": "2022-02-25T10:15:30+02:00",
   "cdcDateTimeTo": "2022-03-01T10:15:30+02:00"
}</pre>
	<pre>[
	  {
	   "objectNumber": "11111111",
	   "cdcDateTime": "2022-03-01T09:15:30+02:00",
	   "meters": [
	    {
	     "conversionPoss": false,
	     "meterNumber": "11111",
	     "meterScaleLength": 8,
	     "meterAutomated": false,
	     "readings": [
	      {
	       "scaleId": 5498879,
	       "scaleIdentifier": "+WsumT2",
	       "scaleProduct": "VK",
	       "readingFromDate": "2022-02-28T23:59:00",
	       "readingMin": 40615,
	       "readingFrom": 40615,
	       "readingSource": "V"
	      }
	     ]
	    },
	    {
	     "conversionPoss": false,
	     "meterNumber": "8888",
	     "meterScaleLength": 8,
	     "readings": [
	      {
	       "scaleId": 5498880,
	       "scaleIdentifier": "+WsumT4",
	       "scaleProduct": "VK",
	       "readingFromDate": "2022-02-28T23:59:00",
	       "readingMin": 49038,
	       "readingFrom": 49038,
	       "readingSource": "V"
	      }
	     ]
	    }
	   ]
	  }
	]</pre>

5.1.3 Method send-declaration-data

Resource description	
Definition	The method is intended to provide readings of the scale declared by the object. The readings are given at the object level, so all counters on the full scale must be presented at the same time.
Detailed description of method in API documentation (ENG)	POST /gateway/supplier/send-declaration-data
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

<pre>[
  {
    "dataWriteDate": "2022-09-30T11:10:29.616Z",
    "objectNumber": "11111111",
    "readings": [
      {
        "reading": [
          {
            "conversion": false,
            "readingTo": 40615,
            "sklId": 5498879
          },
          {
            "conversion": false,
            "readingTo": 49038,
            "sklId": 5498880
          }
        ]
      }
    ]
  }
]</pre>	

5.2 Access right controller – new

5.2.1 POST/gateway/access-right/list

Resource description

Definition	The method to obtain information and a list of granted rights.
Detailed description of method in API documentation (ENG)	POST /gateway/access-right/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "accessRightSource": null,
  "accessRightId": null,
  "accessRightValidFrom": "2022-01-01",
  "accessRightValidTo": null,
  "consumerCode": null,
  "contractModel": "BSS",
  "contractType": "SBTS",
  "generatingObjectType": null,
  "objectAddressSearch": null,
  "objectNumber": "11111111",
  "personCode": null,
  "powerPlantType": null,
  "supplierType": null,
  "userNameSearch": null
}
	[
	 {
	  " accessRightId": 100000,
	  "accessRightValidFrom": "2022-04-03T15:17:07",
	  "accessRightValidTo": " 2025-09-01T23:59:59",
	  "daysLeft": 1145,
	  "accessRightSource": "NT",
	  "userName": "PUBLIC",
	  "objectNumber": "11111111",
	  "generatingObjectType": null,
	  "objectAddress": "Alytaus g. 1, 11111 Alytus",
	  "contractModel": "BSS",
	  "supplierType": "VT",
	  "tariffPlan": "Standartinis",
	  "timeZone": "1",
	  "powerPlantType": null,
	  "automationLevel": "NONE",
	  "contractType": "SBTS",
	  "personName": "Vardas",
	  "personSurname": "Pavardė",
	  "personCode": "********111",
	  "consumerCode": "12121212",
	  "accessRightPhoneNo": null,
	  "accessRightEmailAddress": null,
	  "accessRightNote": null
	 }
	]

Possible request 2	Possible response data 2

{
  "accessRightSource": null,
  " accessRightId": null,
	[
	 {
	  "accessRightId": 100001,

```
  "accessRightValidFrom": null,
  "accessRightValidTo": null,
  "consumerCode": null,
  "contractModel": "2S2S",
  "contractType": "SKMS",
  "generatingObjectType": null,
  "objectAddressSearch": null,
  "objectNumber": null,
  "personCode": null,
  "powerPlantType": null,
  "supplierType": null,
  "userNameSearch": null
}
```

```
  "accessRightValidFrom": "2021-05-14T04:12:05",
  "accessRightValidTo": "2025-05-17T00:00:00",
  "daysLeft": 324,
  "accessRightSource": "NT",
  "userName": "SYSTEM",
  "objectNumber": "22222222",
  "generatingObjectType": null,
  "objectAddress": "Klaipėdos g. 2, 22222 Klaipėda",
  "contractModel": "2S2S",
  "supplierType": "NT",
  "tariffPlan": "Išmanusis",
  "timeZone": "4",
  "powerPlantType": null,
  "automationLevel": "NONE",
  "contractType": "SKMS",
  "personName": "ĮMONĖ, UAB",
  "personSurname": null,
  "personCode": "222222222",
  "consumerCode": "222222",
  "accessRightPhoneNo": null,
  "accessRightEmailAddress": null,
  "accessRightNote": null
 }
 ]
```

Possible request 3

```
{
  "accessRightSource": null,
  "accessRightId": null,
  "accessRightValidFrom": null,
  "accessRightValidTo": null,
  "consumerCode": null,
  "contractModel": null,
  "contractType": null,
  "generatingObjectType": null,
  "objectAddressSearch": null,
  "objectNumber": null,
  "personCode": "12345678910",
  "powerPlantType": null,
  "supplierType": null,
  "userNameSearch": null
}
```

Possible response data 3

```
[
 {
  "accessRightId": 100002,
  "accessRightValidFrom": "2022-06-22T17:17:05",
  "accessRightValidTo": "2025-12-01T23:59:59",
  "daysLeft": 157,
  "accessRightSource": "NT",
  "userName": "PUBLIC",
  "objectNumber": "33333333",
  "generatingObjectType": null,
  "objectAddress": "Vilniaus g. 1, 11111 Vilnius",
  "contractModel": "BSS",
  "supplierType": "NT",
  "tariffPlan": "Namai plius",
  "timeZone": "2",
  "powerPlantType": null,
  "automationLevel": "NONE",
  "contractType": "SBTS",
  "personName": "Vardas3",
```

```
        "personSurname": "Pavardė3",
        "personCode": "********910",
        "consumerCode": "33333333",
        "accessRightPhoneNo": "+37061234567",
        "accessRightEmailAddress": "a@a.lt",
        "accessRightNote": "pastaba"
      },
      {
        "accessRightId": 100003,
        "accessRightValidFrom": "2022-06-27T14:49:00",
        "accessRightValidTo": "2025-10-01T23:59:59",
        "daysLeft": 96,
        "accessRightSource": "NT",
        "userName": "PUBLIC",
        "objectNumber": "31313131",
        "generatingObjectType": null,
        "objectAddress": "Kauno g. 1, 11111 Kaunas",
        "contractModel": "BSS",
        "supplierType": "NT",
        "tariffPlan": "Pirmas planas",
        "timeZone": "2",
        "powerPlantType": null,
        "automationLevel": "FULL",
        "contractType": "SBTS",
        "personName": "Vardas3",
        "personSurname": "Pavardė3",
        "personCode": "********910",
        "consumerCode": "31313131",
        "accessRightPhoneNo": "+37061234567",
        "accessRightEmailAddress": "a@a.lt",
        "accessRightNote": null
      }
    ]
```

5.2.2   POST /gateway/access-right

Resource description	
Definition	The supplier can grant rights by himself to access clients' historical data if has client agreement. Using this API method, the vendor grants itself the right to access the historical data of the client objects on behalf of the customer. Once the rights have been granted, the supplier can

	download the customer's historical data for a certain period of time and, on that basis, offer the customer a contract.
Detailed description of method in API documentation (ENG)	POST /gateway/access-right
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	**Possible response data 1**

{
  "accessRightInformation": [
   {
    "accessRightEmailAddress": "a@a.lt",
    "accessRightNote": "pastaba",
    "accessRightPhoneNo": "+37061234567",
    "accessRightValidTo": "[Bet kuri diena į ateitį]",
    "objectNumber": "44444444"
   }
  ],
  "consentSign": true,
  "personBrithDate": "2022-01-01",
  "personCode": "11111111111",
  "personName": "Vardas1",
  "personSurname": "Pavardė1"
}
	[
	  {
	    "accessRightId": [id kuriasi vis nauji]
	  }
	]

Possible request 2	**Possible response data 2**

```json
{
  "accessRightInformation": [
    {
      "accessRightEmailAddress": "b@b.lt",
      "accessRightNote": "pastaba2",
      "accessRightPhoneNo": "+37062222222",
      "accessRightValidTo": "[Bet kuri diena į
ateitį]",
      "objectNumber": "31313131"
    }
  ],
  "consentSign": true,
  "personBrithDate": null,
  "personCode": "12345678123",
  "personName": "Vardas",
  "personSurname": "Pavardė"
}
```

```json
[
  {
    "accessRightId": [id kuriasi vis nauji]
  }
]
```

5.2.3   POST /gateway/access-right/{accessRightId}/cancel

Resource description	
Definition	The supplier may remove the rights granted to him. He granted the rights himself with the client's permission, or the rights were granted to him by the client through ESO-S. The supplier can remove remove on rights which was granted by himself.
Detailed description of method in API documentation (ENG)	POST /gateway/access-right/{accessRightId}/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

```
[
  {
    "accessRightId": "100000"
  }
]
```

If the request is successful, an **HTTP 200 Created** message is returned.

5.3   Data orders controller

5.3.1   Method data-orders/{orderId}/data

Resource description	
Definition	When calling POST /data/data-orders method, supplier get response with *orderId* which is used calling GET /data/data-orders/{orderId}/data method to download historical clients consumption data in ZIP file format.
Detailed description of method in API documentation (ENG)	GET /data/data-orders/{orderId}/data
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

Possible Request for method
orderId/data/data-orders/**50241**/data

Possible Response for method
50241.zip

HTTP response body contains ZIP format file containing collected data (see *Contents of* 50241.zip content, below).

Name

- Objektai 50241 [2018-10 - 2020-09] 2020-09-23 08 42 55.csv
- Suminiai 50241 [2018-10 - 2020-09] 2020-09-23 08 42 57.csv
- Sutikimai 50241 [2018-10 - 2020-09] 2020-09-23 08 44 19.csv
- Valandiniai 50241 [2018-10 - 2020-09] 2020-09-23 08 44 19.csv

5.4   Report controller

5.4.1   Method accounting-data-pack-b2c

Resource description	
Definition	Report which will return accounting data in meters level for Household customers. If household client object has two meters, this method will return list of two items.

Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2c?first={integer}&count={integer}. Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.4.2 Method accounting-data-pack-b2c-count

Resource description	
Definition	Method which will return count (number), how many items Supplier will get in „POST /reports/accounting-data-pack-b2c" report (reports could have more than 1 item, so it is List). It should be used when supplier need to split data in few portions. This response should be used in „POST /reports/accounting-data-pack-b2c" method request, where Supplier can provide method parameters information.
Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2c-count
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.4.3 Method accounting-data-pack-b2b-meters-level

Resource description	
Definition	Report which will return accounting data in meter level for Business clients. If business client object has two meters, this method will return list of two items.
Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2b-meters-level?first={integer}&count={integer} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.4.4 Method accounting-data-pack-b2b-meters-level-count

Resource description	
Definition	Method which will return count (number), how many items Supplier will get in „POST /reports/accounting-data-pack-b2b-meters-level" report (reports could have more than 1 item, so it is List). It should be used when supplier need to split data in few portions. This

	response should be used in „POST /reports/accounting-data-pack-b2b-meters-level" method request, where Supplier can provide method parameters information.
Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2b-meters-level-count
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.4.5 Method objects-data-pack

Resource description	
Definition	Report which will return object information for both Business or Household customer.
Detailed description of method in API documentation (ENG)	POST /reports/objects-data-pack?first={integer}&count={integer} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.4.6 Method objects-data-pack-count

Resource description	
Definition	Method which will return count (number), how many items Supplier will get in „POST /reports/objects-data-pack" report (reports could have more than 1 item, so it is List). It should be used when supplier need to split data in few portions. This response should be used in „POST /reports/objects-data-pack" method request, where Supplier can provide method parameters information.
Detailed description of method in API documentation (ENG)	POST /reports/objects-data-pack-count
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

5.5 Object controller

5.5.1 Method POST /gateway/object/my/active/list

Resource description	

Definition	The method is designed to obtain a list of valid objects in the contract according to the selection criteria.
	The method will be used before performing:
	   - owner change process
	   - contract termination process
	   - tariff plan change process

Detailed description of method in API documentation (ENG)	POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
 "personCode": "11111111111",
 "consumerCode": null,
 "objectNumber": null,
 "meterNumber": null,
 "showObjectMeter": true,
 "showObjectPower": true,
 "showObjectState": true
	[
	  {
	   "objectNumber":"11111111",
	   "objectAddress":"Vilniaus g. 1, Vilnius",
	   "objectName":"Daugiabutis namas,laiptinė",
	   "objectType":"Butas",
	   "timeLimitedObjectValidTo":null,
	   "ownershipDocumentNumber":null,

```
}                                        "ownershipDocumentDate":null,
                                         "auctionDate":null,
                                         "technologicalCosts":false,
                                         "productsAmount":1,
                                         "scalesAmount":2,
                                         "metersAmount":2,
                                         "autoMetersAmount":0,
                                         "supplier":{
                                          "supplierType":"NT",
                                          "contractStart":"2021-10-01",
                                          "contractEnd":null,
                                          "contractModel":"BSS"
                                         },
                                         "objectStates":[
                                          {
                                           "stateType":"VBS",
                                           "state":"V",
                                           "stateValidFrom":"1990-01-01",
                                           "stateValidTo":null
                                          },
                                          {
                                           "stateType":"ETB",
                                           "state":"T",
                                           "stateValidFrom":"1990-01-01",
                                           "stateValidTo":null
                                          }
                                         ],
                                         "voltage":0.4,
                                         "powerPlantType":null,
                                         "objectPowers":[
```

```
     {
      "powerType":"LOG",
      "power":7,
      "reliabilityCategoryType":"3",
      "powerValidFrom":"2013-01-01",
      "powerValidTo":null
     }
    ],
    "generatingObject":{
     "generatingObjectType":null,
     "payoffMethod":null,
     "generatingObjectTypeFrom":null,
     "generatingObjectTypeTo":null
    },
    "tariff":{
     "tariffPlan":"Standartinis",
     "timeZone":"1",
     "tariffPlanChangeDate":"2020-07-01"
    },
    "meters":[
     {
      "meterNumber":"11111",
      "meterTypeName":"EA52grn/1",
      "meterScaleLength":8,
      "conversionPoss":false,
      "meterAutomated":false
     },
     {
      "meterNumber":"8888",
      "meterTypeName":"",
```

```
      "meterScaleLength":8,
      "conversionPoss":false,
      "meterAutomated":false
     }
   ],
   "contract":{
    "consumerCode":"11111111",
    "contractType":"SBTS",
    "personName":"Vardas1",
    "personSurname":"Pavardė1",
    "personCode":"*******111",
    "personType":"FAS",
    "personIndividual":true,
    "contact":{
     "mobPhoneNoNetwork":"+37060000001",
     "mobPhoneNo2Network":null,
     "mobPhoneInvoice":null,
     "phoneNoNetwork":null,
     "emailNetwork":"vardas1.pavarde1@pastas.lt",
     "email2Network":null,
     "emailInvoice":null,
     "correspondenceAddress":" Vilniaus g. 1, Vilnius",
     "mobPhoneNoObject":null
    }
   }
  }
]
```

| Possible request 2 | Possible response data 2 |

```
{
  "showObjectMeter": true,
  "showObjectPower": true,
  "showObjectState": true
}
```

```
[
  {
    "objectNumber": "11111111",
    "objectAddress": "Vilniaus g. 1, Vilnius",
    "objectName": "Daugiabutis namas,laiptinė",
    "objectType": "Butas",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 1,
    "scalesAmount": 2,
    "metersAmount": 2,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2021-10-01",
      "contractEnd": null,
      "contractModel": "BSS"
    },
    "objectStates": [
      {
        "stateType": "VBS",
        "state": "V",
        "stateValidFrom": "1990-01-01",
        "stateValidTo": null
      },
      {
        "stateType": "ETB",
        "state": "T",

        "stateValidFrom": "1990-01-01",
        "stateValidTo": null
      }
    ],
    "voltage": 0.4,
    "powerPlantType": null,
    "objectPowers": [
```

```
    {
      "powerType": "LOG",
      "power": 7,
      "reliabilityCategoryType": "3",
      "powerValidFrom": "2013-01-01",
      "powerValidTo": null
    }
  ],
  "generatingObject": {
    "generatingObjectType": null,
    "payoffMethod": null,
    "generatingObjectTypeFrom": null,
    "generatingObjectTypeTo": null
  },
  "tariff": {
    "tariffPlan": "Standartinis",
    "timeZone": "1",
    "tariffPlanChangeDate": "2020-07-01"
  },
  "meters": [
    {
      "meterNumber": "11111",
      "meterTypeName": "EA52grn/1",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    },
    {
      "meterNumber": "8888",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    }
  ],
  "contract": {
    "consumerCode": "11111111",
    "contractType": "SBTS",
    "personName": "Vardas1",
```

      "personSurname": "Pavardė1",
      "personCode": "*******111",
      "personType": "FAS",
      "personIndividual": true,
      "contact": {
        "mobPhoneNoNetwork": "+37060000001",
        "mobPhoneNo2Network": null,
        "mobPhoneInvoice": null,
        "phoneNoNetwork": null,
        "emailNetwork": "vardas1.pavarde1@pastas.lt",
        "emailNetwork2": null,
        "emailInvoice": null,
        "correspondenceAddress": "Vilniaus g. 1, Vilnius"
      }
    }
  },
  {
    "objectNumber": "98765432",
    "objectAddress": "Kauno g. 1, Kaunas",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 2,
    "scalesAmount": 1,
    "metersAmount": 2,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2022-01-01",
      "contractEnd": "2025-08-31",
      "contractModel": "BSS"
    },
    "objectStates": [
  {
        "stateType": "VBS",

```
        "state": "V",
        "stateValidFrom": "2000-01-01",
        "stateValidTo": null
      },
      {
        "stateType": "ETB",
        "state": "P",
        "stateValidFrom": "2022-01-01",
        "stateValidTo": null
      }
    ],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [
      {
        "powerType": "LOG",
        "power": 0.4,
        "reliabilityCategoryType": "3",
        "powerValidFrom": "2020-01-01",
        "powerValidTo": null
      }
    ],
    "generatingObject": {
      "generatingObjectType": null,
      "payoffMethod": null,
      "generatingObjectTypeFrom": "1900-01-01",
      "generatingObjectTypeTo": null
    },
    "tariff": {
      "tariffPlan": "Standartinis",
      "timeZone": "2",
      "tariffPlanChangeDate": null
    },
    "meters": [
      {
        "meterNumber": "1234",
        "meterTypeName": "",
        "meterScaleLength": 8,
        "conversionPoss": false,
```

```
      "meterAutomated": false
    },
    {
      "meterNumber": "12345",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    }
  ],
  "contract": {
    "consumerCode": "12121212",
    "contractType": "SBTS",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********910",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
    }
  }
},
{
  "objectNumber": "14725836",
  "objectAddress": "Kauno g. 2, Kaunas",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
```

```json
    "technologicalCosts": false,
    "productsAmount": 2,
    "scalesAmount": 1,
    "metersAmount": 1,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2022-01-01",
      "contractEnd": "2025-08-31",
      "contractModel": "BSS"
    },
    "objectStates": [
{
        "stateType": "VBS",
        "state": "V",
        "stateValidFrom": "2010-01-01",
        "stateValidTo": null
      },
      {
        "stateType": "ETB",
        "state": "P",
        "stateValidFrom": "2021-01-01",
        "stateValidTo": null
      }
],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [
      {
        "powerType": "LOG",
        "power": 0.4,
        "reliabilityCategoryType": "3",
        "powerValidFrom": "2020-01-01",
        "powerValidTo": null
      }
    ],
    "generatingObject": {
      "generatingObjectType": "G",
      "payoffMethod": "G",
```

```json
    "generatingObjectTypeFrom": "1900-01-01",
    "generatingObjectTypeTo": null
   },
   "tariff": {
    "tariffPlan": "Standartinis",
    "timeZone": "2",
    "tariffPlanChangeDate": null
   },
   "meters": [
    {
     "meterNumber": "9090",
     "meterTypeName": "",
     "meterScaleLength": 8,
     "conversionPoss": false,
     "meterAutomated": false
    }
   ],
   "contract": {
    "consumerCode": "12121212",
    "contractType": "SBTS",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********910",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
     "mobPhoneNoNetwork": null,
     "mobPhoneNo2Network": null,
     "mobPhoneInvoice": null,
     "phoneNoNetwork": null,
     "emailNetwork": null,
     "emailNetwork2": null,
     "emailInvoice": null,
     "correspondenceAddress": null
    }
   }
  },
  {
   "objectNumber": "50765432",
```

```
"objectAddress": "Kauno g. 1, Kaunas",
"objectName": "",
"objectType": "KKC",
"timeLimitedObjectValidTo": null,
"ownershipDocumentNumber": null,
"ownershipDocumentDate": null,
"auctionDate": null,
"technologicalCosts": false,
"productsAmount": 0,
"scalesAmount": 0,
"metersAmount": 1,
"autoMetersAmount": 0,
"supplier": {
  "supplierType": "NT",
  "contractStart": "1900-01-01",
  "contractEnd": null,
  "contractModel": "BSS"
},
"objectStates": [],
"voltage": null,
"powerPlantType": "S",
"objectPowers": [],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Standartinis",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "5432",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
```

```
      "meterAutomated": false
    }
  ],
  "contract": {
    "consumerCode": "12121213",
    "contractType": "SBTS",
    "personName": "Vardas5",
    "personSurname": "Pavardė5",
    "personCode": "********363",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
    }
  }
},
{
  "objectNumber": "50725836",
  "objectAddress": "Kauno g. 2, Kaunas",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "supplier": {
    "supplierType": "NT",
```

```
      "contractStart": "1900-01-01",
      "contractEnd": null,
      "contractModel": "BSS"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [],
    "generatingObject": {
      "generatingObjectType": "G",
      "payoffMethod": "G",
      "generatingObjectTypeFrom": "1900-01-01",
      "generatingObjectTypeTo": null
    },
    "tariff": {
      "tariffPlan": "Standartinis",
      "timeZone": "N",
      "tariffPlanChangeDate": null
    },
    "meters": [
      {
        "meterNumber": "5836",
        "meterTypeName": "",
        "meterScaleLength": 8,
        "conversionPoss": false,
        "meterAutomated": false
      }
    ],
    "contract": {
      "consumerCode": "12121213",
      "contractType": "SBTS",
      "personName": "Vardas5",
      "personSurname": "Pavardė5",
      "personCode": "*******363",
      "personType": "FAS",
      "personIndividual": true,
      "contact": {
        "mobPhoneNoNetwork": null,
        "mobPhoneNo2Network": null,
```

```
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
     }
    }
  },
  {
   "objectNumber": "12345678",
   "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
   "objectName": "",
   "objectType": "KKC",
   "timeLimitedObjectValidTo": "2200-12-01",
   "ownershipDocumentNumber": "ABC123",
   "ownershipDocumentDate": null,
   "auctionDate": null,
   "technologicalCosts": false,
   "productsAmount": 4,
   "scalesAmount": 1,
   "metersAmount": 1,
   "autoMetersAmount": 0,
   "supplier": {
    "supplierType": "VT",
    "contractStart": "2022-01-01",
    "contractEnd": null,
    "contractModel": "BSS"
   },
   "objectStates": [],
   "voltage": null,
   "powerPlantType": "S",
   "objectPowers": [
    {
     "powerType": "LOG",
     "power": 0.4,
     "reliabilityCategoryType": "3",
     "powerValidFrom": "2022-01-01",
     "powerValidTo": null
```

```
    }
  ],
  "generatingObject": {
    "generatingObjectType": "G",
    "payoffMethod": "E",
    "generatingObjectTypeFrom": "1900-01-01",
    "generatingObjectTypeTo": null
  },
  "tariff": {
    "tariffPlan": "Išmanusis",
    "timeZone": "4",
    "tariffPlanChangeDate": null
  },
  "meters": [
    {
      "meterNumber": "4321",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    }
  ],
  "contract": {
    "consumerCode": "14725836",
    "contractType": "SBTS",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********555",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
```

```
    }
   }
  },
  {
   "objectNumber": "55555555",
   "objectAddress": "Kauno g. 2, Kaunas",
   "objectName": "",
   "objectType": "KKC",
   "timeLimitedObjectValidTo": null,
   "ownershipDocumentNumber": null,
   "ownershipDocumentDate": null,
   "auctionDate": null,
   "technologicalCosts": false,
   "productsAmount": 0,
   "scalesAmount": 0,
   "metersAmount": 1,
   "autoMetersAmount": 1,
   "supplier": {
     "supplierType": "NT",
     "contractStart": "2021-01-01",
     "contractEnd": null,
     "contractModel": "BSS"
   },
   "objectStates": [],
   "voltage": null,
   "powerPlantType": null,
   "objectPowers": [],
   "generatingObject": {
     "generatingObjectType": null,
     "payoffMethod": null,
     "generatingObjectTypeFrom": null,
     "generatingObjectTypeTo": null
   },
   "tariff": {
     "tariffPlan": null,
     "timeZone": "N",
     "tariffPlanChangeDate": null
   },
   "meters": [
```

```
    {
      "meterNumber": "55555",
      "meterTypeName": "EA52grn/1",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": true
    }
  ],
  "contract": {
    "consumerCode": "55555555",
    "contractType": "SBTS",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********555",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
    }
  }
},
{
  "objectNumber": "88888888",
  "objectAddress": "Šiaulių g. 8, Šiauliai",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
```

```
    "scalesAmount": 0,
    "metersAmount": 1,
    "autoMetersAmount": 1,
    "supplier": {
     "supplierType": "NT",
     "contractStart": "1900-01-01",
     "contractEnd": null,
     "contractModel": "2S2S"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [],
    "generatingObject": {
     "generatingObjectType": null,
     "payoffMethod": null,
     "generatingObjectTypeFrom": "1900-01-01",
     "generatingObjectTypeTo": null
    },
    "tariff": {
     "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
     "timeZone": "N",
     "tariffPlanChangeDate": null
    },
    "meters": [
     {
      "meterNumber": "8888",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": true
     }
    ],
    "contract": {
     "consumerCode": "66655",
     "contractType": "SKMS",
     "personName": "UAB Įmonė8",
     "personSurname": null,
```

```
      "personCode": "888888881",
      "personType": "JAS",
      "personIndividual": false,
      "contact": {
        "mobPhoneNoNetwork": null,
        "mobPhoneNo2Network": null,
        "mobPhoneInvoice": null,
        "phoneNoNetwork": null,
        "emailNetwork": null,
        "emailNetwork2": null,
        "emailInvoice": null,
        "correspondenceAddress": null
      }
    }
  },
  {
    "objectNumber": "66666666",
    "objectAddress": "Palangos g. 2, Palanga",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 0,
    "scalesAmount": 0,
    "metersAmount": 1,
    "autoMetersAmount": 1,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2021-01-01",
      "contractEnd": null,
      "contractModel": "BSS"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": null,
    "objectPowers": [],
```

```
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": null,
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": null,
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "66666",
    "meterTypeName": "EA52grn/1",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": true
  }
],
"contract": {
  "consumerCode": "66666666",
  "contractType": "SBTS",
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "********666",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
  }
}
```

```
    },
    {
      "objectNumber": "12121212",
      "objectAddress": "Palangos g. 2, Palanga",
      "objectName": "",
      "objectType": "KKC",
      "timeLimitedObjectValidTo": null,
      "ownershipDocumentNumber": null,
      "ownershipDocumentDate": null,
      "auctionDate": null,
      "technologicalCosts": false,
      "productsAmount": 0,
      "scalesAmount": 0,
      "metersAmount": 1,
      "autoMetersAmount": 0,
      "supplier": {
        "supplierType": "NT",
        "contractStart": "2014-05-01",
        "contractEnd": null,
        "contractModel": "BSS"
      },
      "objectStates": [],
      "voltage": null,
      "powerPlantType": "S",
      "objectPowers": [],
      "generatingObject": {
        "generatingObjectType": null,
        "payoffMethod": null,
        "generatingObjectTypeFrom": "1900-01-01",
        "generatingObjectTypeTo": null
      },
      "tariff": {
        "tariffPlan": "Pirmas planas",
        "timeZone": "N",
        "tariffPlanChangeDate": null
      },
      "meters": [
        {
          "meterNumber": "8889",
```

```
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    }
  ],
  "contract": {
    "consumerCode": "66666666",
    "contractType": "SBTS",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********666",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
    }
  }
},
{
  "objectNumber": "77777777",
  "objectAddress": "Vilniaus g. 2, Vilnius",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 0,
```

```
"autoMetersAmount": 0,
"supplier": {
  "supplierType": "NT",
  "contractStart": "2014-05-01",
  "contractEnd": null,
  "contractModel": "2S2S"
},
"objectStates": [],
"voltage": null,
"powerPlantType": null,
"objectPowers": [],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": null,
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": null,
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [],
"contract": {
  "consumerCode": "77777",
  "contractType": "SKMS",
  "personName": "UAB \"PAVADINIMAS\"",
  "personSurname": null,
  "personCode": "777777777",
  "personType": "JAS",
  "personIndividual": false,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
```

```json
        "correspondenceAddress": null
      }
    }
  },
  {
    "objectNumber": "777777771",
    "objectAddress": "Vilniaus g. 3, Vilnius",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 0,
    "scalesAmount": 0,
    "metersAmount": 0,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2014-05-01",
      "contractEnd": null,
      "contractModel": "2S2S"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": null,
    "objectPowers": [],
    "generatingObject": {
      "generatingObjectType": null,
      "payoffMethod": null,
      "generatingObjectTypeFrom": null,
      "generatingObjectTypeTo": null
    },
    "tariff": {
      "tariffPlan": null,
      "timeZone": "N",
      "tariffPlanChangeDate": null
    },
```

```
  "meters": [],
  "contract": {
   "consumerCode": "77777",
   "contractType": "SKMS",
   "personName": "UAB \"PAVADINIMAS\"",
   "personSurname": null,
   "personCode": "777777777",
   "personType": "JAS",
   "personIndividual": false,
   "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
   }
  }
 },
 {
  "objectNumber": "66666777",
  "objectAddress": "Girios g. 9, Vilnius",
  "objectName": "",
  "objectType": "Butas",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "supplier": {
   "supplierType": "NT",
   "contractStart": "2021-10-01",
   "contractEnd": null,
```

    "contractModel": "BSS"
   },
   "objectStates": [],
   "voltage": null,
   "powerPlantType": null,
   "objectPowers": [],
   "generatingObject": {
    "generatingObjectType": null,
    "payoffMethod": null,
    "generatingObjectTypeFrom": null,
    "generatingObjectTypeTo": null
   },
   "tariff": {
    "tariffPlan": "El. en. persiuntimo 1 planas II grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
    "timeZone": "N",
    "tariffPlanChangeDate": null
   },
   "meters": [
    {
     "meterNumber": "66666777",
     "meterTypeName": "EA52grn/1",
     "meterScaleLength": 8,
     "conversionPoss": false,
     "meterAutomated": false
    }
   ],
   "contract": {
    "consumerCode": "777777",
    "contractType": "SKMS",
    "personName": "Vardenis33",
    "personSurname": "Pavardenis22",
    "personCode": "********101",
    "personType": "FAS",
    "personIndividual": true,
    "contact": {
     "mobPhoneNoNetwork": null,
     "mobPhoneNo2Network": null,
     "mobPhoneInvoice": null,

```
        "phoneNoNetwork": null,
        "emailNetwork": null,
        "emailNetwork2": null,
        "emailInvoice": null,
        "correspondenceAddress": null
      }
    }
  },
  {
    "objectNumber": "33333333",
    "objectAddress": "Laisvės pr. 2 00002 Vilnius",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 2,
    "scalesAmount": 1,
    "metersAmount": 1,
    "autoMetersAmount": 1,
    "supplier": {
      "supplierType": "VT",
      "contractStart": "1900-01-01",
      "contractEnd": null,
      "contractModel": "BSS"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [
      {
        "powerType": "LOG",
        "power": 0.4,
        "reliabilityCategoryType": "3",
        "powerValidFrom": "1900-01-01",
        "powerValidTo": null
      }
```

```
  ],
  "generatingObject": {
   "generatingObjectType": "G",
   "payoffMethod": "M",
   "generatingObjectTypeFrom": "1900-01-01",
   "generatingObjectTypeTo": null
  },
  "tariff": {
   "tariffPlan": "Namai plius",
   "timeZone": "2",
   "tariffPlanChangeDate": null
  },
  "meters": [
   {
    "meterNumber": "10102",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": true
   }
  ],
  "contract": {
   "consumerCode": "77777777",
   "contractType": "SBTS",
   "personName": "Vardas",
   "personSurname": "Pavardė",
   "personCode": "********123",
   "personType": "FAS",
   "personIndividual": true,
   "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
   }
```

```
    }
   },
   {
    "objectNumber": "31313131",
    "objectAddress": "Palangos g. 2, Palanga",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 2,
    "scalesAmount": 1,
    "metersAmount": 1,
    "autoMetersAmount": 0,
    "supplier": {
     "supplierType": "VT",
     "contractStart": "2014-05-01",
     "contractEnd": null,
     "contractModel": "BSS"
    },
    "objectStates": [],
    "voltage": null,
    "powerPlantType": "S",
    "objectPowers": [
     {
      "powerType": "LOG",
      "power": 0.4,
      "reliabilityCategoryType": "3",
      "powerValidFrom": "2014-01-01",
      "powerValidTo": null
     }
    ],
    "generatingObject": {
     "generatingObjectType": null,
     "payoffMethod": null,
     "generatingObjectTypeFrom": "1900-01-01",
     "generatingObjectTypeTo": null
```

```
      },
      "tariff": {
        "tariffPlan": "Pirmas planas",
        "timeZone": "2",
        "tariffPlanChangeDate": null
      },
      "meters": [
        {
          "meterNumber": "8899",
          "meterTypeName": "",
          "meterScaleLength": 8,
          "conversionPoss": false,
          "meterAutomated": false
        }
      ],
      "contract": {
        "consumerCode": "77777777",
        "contractType": "SBTS",
        "personName": "Vardas",
        "personSurname": "Pavardė",
        "personCode": "********123",
        "personType": "FAS",
        "personIndividual": true,
        "contact": {
          "mobPhoneNoNetwork": null,
          "mobPhoneNo2Network": null,
          "mobPhoneInvoice": null,
          "phoneNoNetwork": null,
          "emailNetwork": null,
          "emailNetwork2": null,
          "emailInvoice": null,
          "correspondenceAddress": null
        }
      }
    },
    {
      "objectNumber": "77777777",
      "objectAddress": "Laisvės pr. 1 00001 Vilnius",
      "objectName": "",
```

```
"objectType": "KKC",
"timeLimitedObjectValidTo": null,
"ownershipDocumentNumber": null,
"ownershipDocumentDate": null,
"auctionDate": null,
"technologicalCosts": false,
"productsAmount": 0,
"scalesAmount": 0,
"metersAmount": 1,
"autoMetersAmount": 1,
"supplier": {
  "supplierType": "NT",
  "contractStart": "1900-01-01",
  "contractEnd": null,
  "contractModel": "BSS"
},
"objectStates": [],
"voltage": null,
"powerPlantType": "S",
"objectPowers": [],
"generatingObject": {
  "generatingObjectType": "G",
  "payoffMethod": "M",
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Išmanusis",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "7777",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": true
  }
```

```
    ],
    "contract": {
      "consumerCode": "77777788",
      "contractType": "SBTS",
      "personName": "Vardas7",
      "personSurname": "Pavardė7",
      "personCode": "********777",
      "personType": "FAS",
      "personIndividual": true,
      "contact": {
        "mobPhoneNoNetwork": null,
        "mobPhoneNo2Network": null,
        "mobPhoneInvoice": null,
        "phoneNoNetwork": null,
        "emailNetwork": null,
        "emailNetwork2": null,
        "emailInvoice": null,
        "correspondenceAddress": null
      }
    }
  },
  {
    "objectNumber": "77777771",
    "objectAddress": "Laisvės pr. 2 00002 Vilnius",
    "objectName": "",
    "objectType": "KKC",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 0,
    "scalesAmount": 0,
    "metersAmount": 1,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "1900-01-01",
      "contractEnd": null,
```

```
    "contractModel": "BSS"
  },
  "objectStates": [],
  "voltage": null,
  "powerPlantType": "S",
  "objectPowers": [],
  "generatingObject": {
   "generatingObjectType": null,
   "payoffMethod": null,
   "generatingObjectTypeFrom": "1900-01-01",
   "generatingObjectTypeTo": null
  },
  "tariff": {
   "tariffPlan": "Namai plius",
   "timeZone": "N",
   "tariffPlanChangeDate": null
  },
  "meters": [
    {
     "meterNumber": "7771",
     "meterTypeName": "",
     "meterScaleLength": 8,
     "conversionPoss": false,
     "meterAutomated": false
    }
  ],
  "contract": {
   "consumerCode": "77777788",
   "contractType": "SBTS",
   "personName": "Vardas7",
   "personSurname": "Pavardė7",
   "personCode": "********777",
   "personType": "FAS",
   "personIndividual": true,
   "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
```

          "emailNetwork": null,
          "emailNetwork2": null,
          "emailInvoice": null,
          "correspondenceAddress": null
        }
      }
    },
    {
      "objectNumber": "76767676",
      "objectAddress": "Nidos g., 1, Nida",
      "objectName": "",
      "objectType": "KKC",
      "timeLimitedObjectValidTo": "2200-10-01",
      "ownershipDocumentNumber": "123-ABC",
      "ownershipDocumentDate": null,
      "auctionDate": null,
      "technologicalCosts": false,
      "productsAmount": 2,
      "scalesAmount": 1,
      "metersAmount": 1,
      "autoMetersAmount": 0,
      "supplier": {
        "supplierType": "NT",
        "contractStart": "2022-01-01",
        "contractEnd": null,
        "contractModel": "BSS"
      },
      "objectStates": [],
      "voltage": null,
      "powerPlantType": "S",
      "objectPowers": [
        {
          "powerType": "LOG",
          "power": 0.4,
          "reliabilityCategoryType": "3",
          "powerValidFrom": "2022-01-01",
          "powerValidTo": null
        }
      ],

```json
    "generatingObject": {
     "generatingObjectType": null,
     "payoffMethod": null,
     "generatingObjectTypeFrom": "1900-01-01",
     "generatingObjectTypeTo": null
    },
    "tariff": {
     "tariffPlan": "Namai plius",
     "timeZone": "2",
     "tariffPlanChangeDate": null
    },
    "meters": [
     {
      "meterNumber": "4321",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
     }
    ],
    "contract": {
     "consumerCode": "88888888",
     "contractType": "SBTS",
     "personName": "Vardas1",
     "personSurname": "Pavardė1",
     "personCode": "*******345",
     "personType": "FAS",
     "personIndividual": true,
     "contact": {
      "mobPhoneNoNetwork": null,
      "mobPhoneNo2Network": null,
      "mobPhoneInvoice": null,
      "phoneNoNetwork": null,
      "emailNetwork": null,
      "emailNetwork2": null,
      "emailInvoice": null,
      "correspondenceAddress": null
     }
    }
```

	}]

5.5.2 Method POST /gateway/object/all/active/list

Resource description	
Definition	The method is to obtain a list of objects at the time of awarding the contract, according to the selection criteria. The method will be used before performing: - Owner and supplier change process - Supply change process
Detailed description of method in API documentation (ENG)	POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
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": null,
 "personCode": "12345678910"
}
```

```
[
 {
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "********910",
  "consumerCode": "12121212",
  "objectNumber": "98765432",
  "meters": [
    {
     "meterNumber": "1234"
    },
    {
     "meterNumber": "12345"
    }
  ],
  "objectAddress": "Kauno g. 1, Kaunas",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "NT",
  "timeLimitedObjectValidTo": null,
  "tariffPlan": "Standartinis",
  "timeZone": "2",
  "generatingObjectType": null,
  "payoffMethod": null,
  "ownershipDocumentNumber": null,
  "supplyOwnership":"MY",
  "contractStart": "2022-01-01",
  "contractEnd"": "2025-08-31"
  "objectFutureSuppliers":[

     {
      "supplierCode":"123456789",
      "supplierName":"Tiekėjas1",
      "contractStart":"2025-09-01",
```

```json
          "contractEnd":"2025-09-30"
          },
          {
          "supplierCode":"123456788",
          "supplierName":"Tiekėjas2",
          "contractStart":"2025-10-01",
          "contractEnd":null
          },
        ],
      "powerPlantType": "S",
      "objectPowers":[
          {
            "powerType":"LOG",
            "power":"0,4",

            "powerValidFrom":"2020-01-01",
            "powerValidTo": null

          }
      ]
    },
    {
      "personName": "Vardas",
      "personSurname": "Pavardė",
      "personCode": "********910",
      "consumerCode": "12121212",
      "objectNumber": "14725836",
      "meters": [
        {
        "meterNumber": "9090"
        }
      ],
      "objectAddress": "Kauno g. 2, Kaunas",
      "contractType": "SBTS",
```

```json
    "contractModel": "BSS",
    "supplierType": "NT",
    "timeLimitedObjectValidTo": null,
    "tariffPlan": "Standartinis",
    "timeZone": "2",
    "generatingObjectType": "G",
    "payoffMethod": "G",
    "ownershipDocumentNumber": null,

    "supplyOwnership":"MY",
    "contractStart": "2022-01-01",
    "contractEnd"": "2025-08-31",
    "objectFutureSuppliers":[

        {
        "supplierCode":"123456789",
        "supplierName":"Tiekėjas1",
        "contractStart":"2025-09-01",
        "contractEnd":"2025-09-30"
        }
    ],
     "powerPlantType": "S",
     "objectPowers":[
        {
         "powerType":"LOG",
         "power":"0,4",

         "powerValidFrom":"2020-01-01",
         "powerValidTo": null

        }
    ]
    }
]
```

Possible request 2	Possible response data 2

{
 "consumerCode": null,
 "meterNumber": "4321",
 "objectDataConsentSign": true,
 "objectNumber": null,
 "personCode": null
}
	[
	  {
	 "personName": "Vardas",
	 "personSurname": "Pavardė",
	 "personCode": "********555",
	 "consumerCode": "14725836",
	 "objectNumber": "12345678",
	 "meters": [
	  {
	   "meterNumber": "4321"
	  }
	],
	 "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
	 "contractType": "SBTS",
	 "contractModel": "BSS",
	 "supplierType": "VT",
	 "timeLimitedObjectValidTo": "2200-12-01",
	 "tariffPlan": "Išmanusis",
	 "timeZone": "4",
	 "generatingObjectType": "G",
	 "payoffMethod": "E",
	 "ownershipDocumentNumber": "ABC123",
	 "supplyOwnership": "MY",
	 "contractStart": "2022-01-01",
	 "contractEnd": null,
	 "objectFutureSuppliers":[],
	
	 "powerPlantType":"S",
	
	 "objectPowers": [
	  {
	   "powerType": "LOG",

```
    "power": 0.4,
    "powerValidFrom": "2022-01-01",
    "powerValidTo": null
   }
  ]
 },
 {
  "personName": "Vardas1",
  "personSurname": "Pavardė1",
  "personCode": "********345",
  "consumerCode": "88888888",
  "objectNumber": "76767676",
  "meters": [
   {
    "meterNumber": "4321"
   }
  ],
  "objectAddress": "Nidos g., 1, Nida",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "NT",
  "timeLimitedObjectValidTo": "2200-10-01",
  "tariffPlan": "Namai plius",
  "timeZone": "2",
  "generatingObjectType": null,
  "payoffMethod": null,
  "ownershipDocumentNumber": "123-ABC",
  "supplyOwnership": "MY",
  "contractStart": "2022-01-01",
  "contractEnd": null,
  "objectFutureSuppliers":[],
  "powerPlantType":"S",
  "objectPowers": [
```

```
    {
      "powerType": "LOG",
      "power": 0.4,
      "powerValidFrom": "2022-01-01",
      "powerValidTo": null
    }
   ]
  }
]
```

Possible request 3	Possible response data 3

`{`
` "consumerCode": "77777777",`
` "meterNumber": null,`
` "objectDataConsentSign": true,`
` "objectNumber":  null,`
` "personCode": null`
`}`
	`[`
	`{`
	`  "personName": "Vardas",`
	`  "personSurname": "Pavardė",`
	`  "personCode": "********123",`
	`  "consumerCode": "77777777",`
	`  "objectNumber": "22222222",`
	`  "meters": [`
	`   {`
	`    "meterNumber": "10101"`
	`   }`
	`  ],`
	`  "objectAddress": "Laisvės pr. 1 00001 Vilnius",`
	`  "contractType": "SBTS",`
	`  "contractModel": "BSS",`
	`  "supplierType": "NT",`
	`  "timeLimitedObjectValidTo": null,`
	`  "tariffPlan": "Išmanusis",`
	`  "timeZone": "4",`
	`  "generatingObjectType": "N",`
	`  "payoffMethod": null,`

```
    "ownershipDocumentNumber": null,
    "supplyOwnership": "NOT_MY",
    "contractStart": null,
    "contractEnd": null,
    "objectFutureSuppliers":[],
    "powerPlantType":"S",
    "objectPowers": [
      {
        "powerType": "LOG",
        "power": 0.4,
        "powerValidFrom": "2020-01-01",
        "powerValidTo": null
      }
    ]
  },
  {
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********123",
    "consumerCode": "77777777",
    "objectNumber": "33333333",
    "meters": [
      {
        "meterNumber": "10102"
      }
    ],
    "objectAddress": "Laisvės pr. 2 00002 Vilnius",
    "contractType": "SBTS",
    "contractModel": "BSS",
    "supplierType": "VT",
    "timeLimitedObjectValidTo": null,
    "tariffPlan": "Namai plius",
    "timeZone": "2",
```

```json
      "generatingObjectType": "G",
      "payoffMethod": "M",
      "ownershipDocumentNumber": null,
      "supplyOwnership": "MY",
      "contractStart": "1900-01-01",
      "contractEnd": null,
      "objectFutureSuppliers":[],
      "powerPlantType":"S",
      "objectPowers": [
        {
          "powerType": "LOG",
          "power": 0.4,
          "powerValidFrom": "1900-01-01",
          "powerValidTo": null
        }
      ]
    },
    {
     "personName": "Vardas",
     "personSurname": "Pavardė",
     "personCode": "********123",
     "consumerCode": "77777777",
     "objectNumber": "31313131",
     "meters": [
        {
          "meterNumber": "8899"
        }
      ],
      "objectAddress": "Palangos g. 2, Palanga",
      "contractType": "SBTS",
      "contractModel": "BSS",
      "supplierType": "VT",
      "timeLimitedObjectValidTo": null,
```

"tariffPlan": "Pirmas planas",
"timeZone": "2",
"generatingObjectType": null,
"payoffMethod": null,
"ownershipDocumentNumber": null,
"supplyOwnership": "MY",
"contractStart": "2014-05-01",
"contractEnd": null,
"objectFutureSuppliers":[],
"powerPlantType":"S",
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 0.4,
    "powerValidFrom": "2014-01-01",
    "powerValidTo": null
  }
 ]
 }
]

Possible request 4	Possible response data 4

{
 "consumerCode": null,
 "meterNumber": null,
 "objectDataConsentSign": true,
 "objectNumber": "444444444",
 "personCode": null
}
	[
	{
	  "personName": "Įmonės pavadinimas",
	  "personSurname": null,
	  "personCode": "123456789",
	  "consumerCode": "66666",
	  "objectNumber": "444444444",
	  "meters": [
	   {
	    "meterNumber": "9876"
	   }

```
    ],
    "objectAddress": "Šiaulių g. 8, Šiauliai",
    "contractType": "SKMS",
    "contractModel": "2S2S",
    "supplierType": "NT",
    "timeLimitedObjectValidTo": null,
    "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją
iš žemosios įtampos elektros tinklų",
    "timeZone": "N",
    "generatingObjectType": null,
    "payoffMethod": "E",
    "ownershipDocumentNumber": null,
    "supplyOwnership": "NOT_MY",
    "contractStart": null,
    "contractEnd": null,
    "objectFutureSuppliers":[],
    "powerPlantType":"S",,
    "objectPowers": [
      {
        "powerType": "LOG",
        "power": 0.6,
        "powerValidFrom": "2020-01-01",
        "powerValidTo": null
      }
    ]
  }
]
```

5.6 Contract controller

5.6.1 Method POST /gateway/contract/list

Resource description	
Definition	The method is designed to obtain a list of valid contracts according to the selection criteria.
Detailed description of method in API documentation (ENG)	POST /gateway/contract/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
 "personCode": null,
 "consumerCode": "11111111",
 "objectNumber": null,
 "meterNumber": null
}
	[
	  {
	   "consumerCode": "11111111",
	   "contractType": "SBTS",
	   "personName": "Vardas",
	   "personSurname": "Pavardė",
	   "personCode": "11111111111"",
	   "personType": "FAS",
	   "personIndividual": true,
	   "contact":{
	    "mobPhoneNoNetwork": "+37060000001",
	    "mobPhoneNo2Network": "+37060000002",
	    "mobPhoneInvoice": "+37060000002",
	    "phoneNoNetwork": null,
	    "emailNetwork": "vardas.pavarde@pastas.lt",
	    "email2Network": null,
	    "emailInvoice": null,
	    "correspondenceAddress": "Klaipėdos g. 1, Klaipėda"
	   },

```
  "objects":[
    {
      "objectNumber": "11111111",
      "objectAddress": "Palangos g. 1, Palanga",
      "contractStart": "2021-01-01",
      "contractEnd": null,
      "contractModel": "BSS",
      "mobPhoneNoObject": null,
      "meters":[
        {
          "meterNumber": "11111"
        }
      ]
    }
  ]
}
]
```

Possible request 2	Possible response data 2

`{`
`  "personCode": "222222222",`
`  "consumerCode": "222222",`
`  "objectNumber": null,`
`  "meterNumber": null`
`}`
	`[`
	`  {`
	`    "consumerCode":"222222",`
	`    "contractType":"SKMS",`
	`    "personName":"Įmonės pavadinimas",`
	`    "personSurname":null,`
	`    "personCode":"222222222",`
	`    "personType":"JAS",`
	`    "personIndividual":false,`
	`    "contact":{`
	`      "mobPhoneNoNetwork":"+37060000003",`
	`      "mobPhoneNo2Network":"+37060000004",`
	`      "mobPhoneInvoice":"+37060000005",`
	`      "phoneNoNetwork":"+37050000006",`
	`      "emailNetwork":"vardas1.pavarde1@pastas.lt",`
	`      "email2Network":"vardas2.pavarde2@pastas.lt",`
	`      "emailInvoice":"vardas3.pavarde3@pastas.lt",`
	`      "correspondenceAddress":"Šiaulių g. 1, Šiauliai"`
	`    },`

```
  "objects":[
    {
      "objectNumber":"22222222",
      "objectAddress":"Neringos g. 1, Neringa",
      "contractStart":"2021-01-01",
      "contractEnd":null,
      "contractModel":"2S2S",
      "mobPhoneNoObject":"+37050000007",
      "meters":[
        {
          "meterNumber":"22222"
        }
      ]
    },
    {
      "objectNumber":"33333333",
      "objectAddress":"Nidos g. 1, Nida",
      "contractStart":"2021-01-01",
      "contractEnd":"2022-07-01",
      "contractModel":"2S2S",
      "mobPhoneNoObject":null,
      "meters":[
        {
          "meterNumber":"33333"
        }
      ]
    }
  ]
  }
]
```

5.7   Notification contract controller - new

5.7.1   Method POST /gateway/notification/contract/list

Resource description

Definition	Method to obtain change information of the contract owner / contract owner and supplier / supplier.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC} Response description are provided in additional document - https://datahub.eso.lt/dokumentacija.
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
"changeTypes": null,
  "contractStartFrom": "2021-08-01T00:00:00",
  "contractStartTo": "2021-08-31T00:00:00",
  "notificationId": null,
  "objectNumber": null,
  "personCode": "16363636363",
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
	[
	  {
	    "notificationId": 100005,
	    "changeType": "SK",
	    "contractType": "SBTS",
	    "contractStart": "2021-08-01",
	    "supplierContractNo": null,
	    "notes": "Pastaba 123",
	    "userName": "PUBLIC",
	    "submittedDate": "2021-07-13T08:58:00",
	    "latestStatus": "IV",
	    "errorType": null,
	    "correspondenceAddress": {
	      "addressLine": "Adreso g. 1, Vilnius",
	      "street": "Adreso g.",
	      "building": "1",
	      "housingNo": null,
	      "apartment": null,
	      "locality": "Vilnius",
	      "eldership": null,

```
    "municipality": null,
    "county": null
  },
  "ownerInfo": {
    "subjectType": "FAS",
    "personName": "Vardas5",
    "personSurname": "Pavardė5",
    "personCode": "********363",
    "birthDate": null,
    "vatCode": null,
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty": null,
    "contacts": {
      "mobPhoneNoNetwork": "+37061234567",
      "mobPhoneNo2Network": null,
      "mobPhoneNoInvoice": null,
      "telPhoneNoNetwork": null,
      "emailNetwork": "vardas.pavarde@pastas.lt",
      "email2Network": null,
      "emailInvoice": null
    }
  },
  "contractNotificationStatus": [
    {
      "status": "IV",
      "statusDate": "2021-07-13T10:00:00"
    },
    {
      "status": "V",
      "statusDate": "2021-07-13T09:59:00"
    },
    {
      "status": "I",
```

        "statusDate": "2021-07-13T09:58:00"
      },
      {
        "status": "P",
        "statusDate": "2021-07-13T08:58:00"
      }
    ],
    "objects": [
      {
        "objectNumber": "50725836",
        "objectAddress": "Kauno g. 2, Kaunas",
        "contractModel": "BSS",
        "tariffPlan": "Standartinis",
        "timeZone": "1",
        "payoffMethod": "E",
        "objectNtr": null,
        "objectNtrDate": null,
        "uniqueRoomNo": null,
        "ntGetCoownerConsent": false,
        "auctionDate": null,
        "anotherSupplierContractCancellation": null,
        "cancelledByAnotherSupplier": false
      },
      {
        "objectNumber": "50765432",
        "objectAddress": "Kauno g. 1, Kaunas",
        "contractModel": "BSS",
        "tariffPlan": "Namai",
        "timeZone": "2",
        "payoffMethod": null,
        "objectNtr": "123/12345",
        "objectNtrDate": "2021-01-01T00:00:00",
        "uniqueRoomNo": "1234-1234-1234:1234",
        "ntGetCoownerConsent": true,

```
      "auctionDate": null,
      "anotherSupplierContractCancellation": null,
      "cancelledByAnotherSupplier": false
    }
  ],
  "oldContractInfo": [
    {
      "contractType": "SBTS",
      "consumerCode": "12121213",
      "object": {
        "objectNumber": "50725836",
        "meterNumbers": ["123"],
        "objectAddress": "Kauno g. 2, Kaunas",
        "contractModel": "BSS",
        "tariffPlan": "Standartinis",
        "timeZone": "2",
        "ownershipDocumentNumber": null,
        "ntGetCoownerConsent": false,
        "auctionDate": null,
        "payoffMethod": "G"
      }
    },
    {
      "contractType": "SBTS",
      "consumerCode": "12121213",
      "object": {
        "objectNumber": "50765432",
        "meterNumbers": ["1234"],
        "objectAddress": "Kauno g. 1, Kaunas",
        "contractModel": "BSS",
        "tariffPlan": "Standartinis",
        "timeZone": "2",
        "ownershipDocumentNumber": null,
        "ntGetCoownerConsent": false,
```

| | "auctionDate": null,
"payoffMethod": null
}
}
]
}
] |

Possible request 2	**Possible response data 2**

{
"changeTypes":null,
"contractStartFrom": null,
"contractStartTo": null,
"notificationId": null,
"objectNumber": "60345678",
"personCode": null,
"status": ["P"],
"submittedDateFrom": null,
"submittedDateTo": null,
"usernameSearch": null,
"supplierContractNo": null,
"objectAddressSearch": null
}
	[
	{
	"notificationId": 100006,
	"changeType": "SK",
	"contractType": "SKMS",
	"contractStart": "2021-08-01",
	"supplierContractNo": null,
	"notes": null,
	"userName": "PUBLIC",
	"submittedDate": "2021-07-13T10:00:00",
	"latestStatus": "P",
	"errorType": null,
	"correspondenceAddress": {
	"addressLine": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
	"street": "Gatvės g.",
	"building": "1",
	"housingNo": null,
	"apartment": null,
	"locality": null,
	"eldership": "Seniūnijos sen.",
	"municipality": "Vilniaus r. sav.",
	"county": null
	},
	"ownerInfo": {
	"subjectType": "JAS",
	"personName": "UAB Įmonė6",

```
    "personSurname": null,
    "personCode": "123456710",
    "birthDate": null,
    "vatCode": null,
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty": null,
    "contacts": {
     "mobPhoneNoNetwork": "+37061234567",
     "mobPhoneNo2Network": "+37069876543",
     "mobPhoneNoInvoice": "+37066565656",
     "telPhoneNoNetwork": "+37051212121",
     "emailNetwork": "vardas.pavarde@imone.lt",
     "email2Network": "vardas.pavarde@imone1.lt",
     "emailInvoice": "vardas.pavarde@imone2.lt"
    }
   },
   "contractNotificationStatus": [
    {
     "status": "P",
     "statusDate": "2021-07-13T10:00:00"
    }
   ],
   "objects": [
    {
     "objectNumber": "60345678",
     "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
     "contractModel": "2S2S",
     "tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios
įtampos elektros tinklų",
     "timeZone": "4",
     "payoffMethod": null,
     "objectNtr": null,
     "objectNtrDate": null,
```

          "uniqueRoomNo": null,
          "ntGetCoownerConsent": false,
          "auctionDate": "2021-07-05T00:00:00",
          "anotherSupplierContractCancellation": null,
          "cancelledByAnotherSupplier": false
        }
      ],
      "oldContractInfo": [
        {
          "contractType": "SBTS",
          "consumerCode": "14725848",
          "object": {
            "objectNumber": "60345678",
            "meterNumbers": ["12345"],
            "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
            "contractModel": null,
            "tariffPlan": "Išmanusis",
            "timeZone": "4",
            "ownershipDocumentNumber": null,
            "ntGetCoownerConsent": false,
            "auctionDate": null,
            "payoffMethod": "E"
          }
        }
      ]
    }
]

Possible request 3	Possible response data 3

```
{
"changeTypes":  null,
  "contractStartFrom": null,
  "contractStartTo": null,
  "notificationId": 100007,
  "objectNumber": null,
  "personCode": null,
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
```

```
[
 {
   "notificationId": 100007,
   "changeType": "STK",
   "contractType": "SKMS",
   "contractStart": "2021-07-19",
   "supplierContractNo": "Numeris-123",
   "notes": "Pastabos pavyzdys",
   "userName": "PUBLIC",
   "submittedDate": "2021-07-14T08:58:00",
   "latestStatus": "V",
   "errorType": null,
   "correspondenceAddress": {
    "addressLine": "Prienai, Onos Onaitės g. 10-5",
    "street": "Onos Onaitės g.",
    "building": "10",
    "housingNo": null,
    "apartment": "5",
    "locality": "Prienai",
    "eldership": null,
    "municipality": null,
    "county": null
   },
   "ownerInfo": {
    "subjectType": "FAS",
    "personName": "Vardas7",
    "personSurname": "Pavardė7",
    "personCode": "********777",
    "birthDate": "1960-01-01T00:00:00",
    "vatCode": "1414141414",
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty": null,
    "contacts": {
```

        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": null,
        "mobPhoneNoInvoice": "+37061234522",
        "telPhoneNoNetwork": null,
        "emailNetwork": "vardas.pavarde@ukininkas.lt",
        "email2Network": null,
        "emailInvoice": "vardas.pavarde@ukininkas.lt"
       }
      },
      "contractNotificationStatus": [
       {
        "status": "V",
        "statusDate": "2021-07-14T09:59:00"
       },
       {
        "status": "I",
        "statusDate": "2021-07-14T09:58:00"
       },
       {
        "status": "P",
        "statusDate": "2021-07-14T08:58:00"
       }
      ],
      "objects": [
       {
        "objectNumber": "77777771",
        "objectAddress": "Laisvės pr. 2 00002 Vilnius",
        "contractModel": "BSS",
        "tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios
įtampos elektros tinklų",
        "timeZone": "4",
        "payoffMethod": null,
        "objectNtr": null,
        "objectNtrDate": null,

      "uniqueRoomNo": null,
      "ntGetCoownerConsent": false,
      "auctionDate": "2021-01-01T00:00:00",
      "anotherSupplierContractCancellation": null,
      "cancelledByAnotherSupplier": false
    },
    {
      "objectNumber": "77777777",
      "objectAddress": "Laisvės pr. 1 00001 Vilnius",
      "contractModel": "BSS",
      "tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
      "timeZone": "4",
      "payoffMethod": null,
      "objectNtr": "97/12344",
      "objectNtrDate": "2021-01-01T00:00:00",
      "uniqueRoomNo": null,
      "ntGetCoownerConsent": true,
      "auctionDate": null,
      "anotherSupplierContractCancellation": null,
      "cancelledByAnotherSupplier": false
    }
  ],
  "oldContractInfo": [
    {
      "contractType": "SBTS",
      "consumerCode": "77777788",
      "object": {
        "objectNumber": "77777771",
        "meterNumbers": ["123456"],
        "objectAddress": "Laisvės pr. 2 00002 Vilnius",
        "contractModel": "BSS",
        "tariffPlan": "Namai plius",
        "timeZone": "2",

```
              "ownershipDocumentNumber": null,
              "ntGetCoownerConsent": false,
              "auctionDate": null,
              "payoffMethod": null
          }
        },
        {
          "contractType": "SBTS",
          "consumerCode": "77777788",
          "object": {
            "objectNumber": "77777777",
            "meterNumbers": ["1234567"],
            "objectAddress": "Laisvės pr. 1 00001 Vilnius",
            "contractModel": "BSS",
            "tariffPlan": "Išmanusis",
            "timeZone": "4",
            "ownershipDocumentNumber": null,
            "ntGetCoownerConsent": false,
            "auctionDate": null,
            "payoffMethod": "M"
          }
        }
      ]
    }
]
```

| Possible request 4 | Possible response data 4 |

```
{
"changeTypes": null,
  "contractStartFrom": null,
  "contractStartTo": null,
  "notificationId": null,
  "objectNumber": "88888888",
  "personCode": "888888881",
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
```

```
[
 {
   "notificationId": 100008,
   "changeType": "STK",
   "contractType": "SKMS",
   "contractStart": "2021-07-25",
   "supplierContractNo": "Numeris-321",
   "notes": "Nėra",
   "userName": "PUBLIC",
   "submittedDate": "2021-07-14T07:58:00",
   "latestStatus": "K",
   "errorType": "SP",
   "correspondenceAddress": {
     "addressLine": "Birštonas, Alksnių g. 110",
     "street": "Alksnių g.",
     "building": "110",
     "housingNo": null,
     "apartment": null,
     "locality": "Birštonas",
     "eldership": null,
     "municipality": null,
     "county": null
   },
   "ownerInfo": {
     "subjectType": "JAS",
     "personName": "UAB \"Įmonė8\"",
     "personSurname": null,
     "personCode": "888888881",
     "birthDate": null,
     "vatCode": null,
     "representativeName": null,
     "representativeSurname": null,
     "representativeDuty": null,
     "contacts": {
```

        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": null,
        "mobPhoneNoInvoice": "+37061234567",
        "telPhoneNoNetwork": null,
        "emailNetwork": "vardas.pavarde@imone.lt",
        "email2Network": null,
        "emailInvoice": "vardas.pavarde@imone.lt"
      }
    },
    "contractNotificationStatus": [
      {
        "status": "K",
        "statusDate": "2021-07-14T10:00:00"
      },
      {
        "status": "V",
        "statusDate": "2021-07-14T08:59:00"
      },
      {
        "status": "I",
        "statusDate": "2021-07-14T08:58:00"
      },
      {
        "status": "P",
        "statusDate": "2021-07-14T07:58:00"
      }
    ],
    "objects": [
      {
        "objectNumber": "88888888",
        "objectAddress": "Šiaulių g. 8, Šiauliai",
        "contractModel": "BSS",
        "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams,
gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",

          "timeZone": "N",
          "payoffMethod": null,
          "objectNtr": null,
          "objectNtrDate": null,
          "uniqueRoomNo": null,
          "ntGetCoownerConsent": false,
          "auctionDate": null,
          "anotherSupplierContractCancellation": null,
          "cancelledByAnotherSupplier": false
        }
      ],
      "oldContractInfo": [
        {
          "contractType": "SKMS",
          "consumerCode": "66655",
          "object": {
            "objectNumber": "88888888",
            "meterNumbers": ["12345678"],
            "objectAddress": "Šiaulių g. 8, Šiauliai",
            "contractModel": "2S2S",
            "tariffPlan": "El. en. persiuntimo 1 planas III grupės
vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
            "timeZone": "N",
            "ownershipDocumentNumber": null,
            "ntGetCoownerConsent": false,
            "auctionDate": null,
            "payoffMethod": null
          }
        }
      ]
    }
]

Possible request 5	Possible response data 5

```
{
"changeTypes":null,
  "contractStartFrom": null,
  "contractStartTo": null,
  "notificationId": null,
  "objectNumber": null,
  "personCode": "888888899",
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
```

```
[
 {
   "notificationId": 100009,
   "changeType": "STK",
   "contractType": "SKMS",
   "contractStart": "2022-04-01",
   "supplierContractNo": "Numeris-999",
   "notes": "PASTABA 1",
   "userName": "Antanas Antanaitis",
   "submittedDate": "2022-04-01T07:58:00",
   "latestStatus": "A",
   "errorType": null,
   "correspondenceAddress": {
    "addressLine": "Kaunas, Klevų g. 11",
    "street": "Klevų g.",
    "building": "11",
    "housingNo": null,
    "apartment": null,
    "locality": "Kaunas",
    "eldership": null,
    "municipality": null,
    "county": null
   },
   "ownerInfo": {
    "subjectType": "JAS",
    "personName": "UAB \"Įmonė99\"",
    "personSurname": null,
    "personCode": "888888899",
    "birthDate": null,
    "vatCode": null,
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty": null,
    "contacts": {
```

      "mobPhoneNoNetwork": "+37061234599",
      "mobPhoneNo2Network": null,
      "mobPhoneNoInvoice": "+37061234591",
      "telPhoneNoNetwork": null,
      "emailNetwork": "vardas.pavarde99@imone.lt",
      "email2Network": null,
      "emailInvoice": "vardas.pavarde98@imone.lt"
    }
  },
  "contractNotificationStatus": [
   {
    "status": "A",
    "statusDate": "2022-04-01T08:58:00"
   },
   {
    "status": "P",
    "statusDate": "2022-04-01T07:58:00"
   }
  ],
  "objects": [
   {
    "objectNumber": "88888899",
    "objectAddress": "Kauno g. 8, Kaunas",
    "contractModel": "BSS",
    "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
    "timeZone": "1",
    "payoffMethod": null,
    "objectNtr": null,
    "objectNtrDate": null,
    "uniqueRoomNo": null,
    "ntGetCoownerConsent": false,
    "auctionDate": null,
    "anotherSupplierContractCancellation": null,

          "cancelledByAnotherSupplier": false
        }
      ],
      "oldContractInfo": [
        {
          "contractType": "SKMS",
          "consumerCode": "66655",
          "object": {
            "objectNumber": "88888899",
            "meterNumbers": ["12333678"],
            "objectAddress": "Kauno g. 8, Kaunas",
            "contractModel": "2S2S",
            "tariffPlan": "El. en. persiuntimo 1 planas III grupės
vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
            "timeZone": "1",
            "ownershipDocumentNumber": null,
            "ntGetCoownerConsent": false,
            "auctionDate": null,
            "payoffMethod": null
          }
        }
      ]
    }
]

Possible request 6	**Possible response data 6**

{
"changeTypes": [
  "NTK"
 ],
 "contractStartFrom": null,
 "contractStartTo": null,
 "notificationId": 100010,
 "objectNumber": "88888866",
	[
	  {
	  "notificationId": 100010,
	  "changeType": "NTK",
	  "contractType": "SBTS",
	  "contractStart": "2050-08-01",
	  "supplierContractNo": "Numeris-666",
	  "notes": "PASTABA1",
	  "userName": "Petras Petraitis",

```
  "personCode": null,
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
```

```
  "submittedDate": "2022-04-25T12:08:15.906",
  "latestStatus": "IV",
  "errorType": null,
  "correspondenceAddress": {
   "addressLine": "Vilnelės g. 1, Kaunas",
   "street": "Vilnelės g.",
   "building": "1",
   "housingNo": null,
   "apartment": null,
   "locality": "Kaunas",
   "eldership": null,
   "municipality": null,
   "county": null
  },
  "ownerInfo": {
   "subjectType": "FAS",
   "personName": "Vardenis22",
   "personSurname": "Pavardenis22",
   "personCode": null,
   "birthDate": "2005-11-10T00:00:00",
   "vatCode": null,
   "representativeName": null,
   "representativeSurname": null,
   "representativeDuty": null,
   "contacts": {
    "mobPhoneNoNetwork": "+37066666666",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "telPhoneNoNetwork": null,
    "emailNetwork": "vardas.pavarde@pastas.lt",
    "email2Network": null,
    "emailInvoice": null
   }
  },
  "contractNotificationStatus": [
   {
    "status": "IV",
    "statusDate": "2022-04-25T13:20:15.906569"
   },
```

```
      {
        "status": "V",
        "statusDate": "2022-04-25T13:10:15.906569"
      },
      {
        "status": "I",
        "statusDate": "2022-04-25T13:08:15.906569"
      },
      {
        "status": "P",
        "statusDate": "2022-04-25T12:08:15.906569"
      }

    ],
    "objects": [
      {
        "objectNumber": "88888866",
        "objectAddress": "Vilnelės g. 1, Kaunas",
        "contractModel": "BSS",
        "tariffPlan": "Namai plius",
        "timeZone": "1",
        "payoffMethod": null,
        "objectNtr": null,
        "objectNtrDate": null,
        "uniqueRoomNo": null,
        "ntGetCoownerConsent": null,
        "auctionDate": null,
        "anotherSupplierContractCancellation": "Ši užklausa atšaukė objekto sutartį su
TiekėjoPavadinimas1 datai 2022-08-01, sutartį su TiekėjoPavadinimas2 datai 2022-09-01.",
        "cancelledByAnotherSupplier": false
      }
    ],
    "oldContractInfo": [
      {
        "contractType": "SBTS",
        "consumerCode": "66666",
        "object": {
          "objectNumber": "88888866",
          "objectAddress": "Vilnelės g. 1, Kaunas",
          "contractModel": "BSS",
```

```
        "tariffPlan": "Standartinis",
        "timeZone": "1",
        "ownershipDocumentNumber": "Numeris-66",
        "ntGetCoownerConsent": false,
        "auctionDate": null,
        "payoffMethod": "E",
        "meterNumbers": [
          "66666666"
        ]
      }
    }
  ]
 }
]
```

Possible request 7	Possible response data 7

`{`
`"changeTypes": [`
`  "NTK"`
` ],`
` "contractStartFrom": null,`
` "contractStartTo": null,`
` "notificationId": 100011 ,`
` "objectNumber": null,`
` "personCode": null,`
` "status": null,`
` "submittedDateFrom": null,`
` "submittedDateTo": null,`
` "usernameSearch": null,`
` "supplierContractNo": null,`
` "objectAddressSearch": null`
`}`
	`[`
	`  {`
	`  "notificationId": 100011,`
	`  "changeType": "NTK",`
	`  "contractType": "SKMS",`
	`  "contractStart": "2022-05-01",`
	`  "supplierContractNo": "Numeris-777",`
	`  "notes": "",`
	`  "userName": "Vardenis Pavardenis",`
	`  "submittedDate": "2022-04-28T08:13:16.324",`
	`  "latestStatus": "A",`
	`  "errorType": null,`
	`  "correspondenceAddress": {`
	`   "addressLine": "Girios g. 9, Vilnius",`
	`   "street": null,`
	`   "building": null,`
	`   "housingNo": null,`
	`   "apartment": null,`
	`   "locality": null,`
	`   "eldership": null,`
	`   "municipality": null,`
	`   "county": null`
	`  },`
	`  "ownerInfo": {`

```
  "subjectType": "FAS",
  "personName": "Vardenis33",
  "personSurname": "Pavardenis33",
  "personCode": "********777",
  "birthDate": null,
  "vatCode": null,
  "representativeName": "Antanas",
  "representativeSurname": "Antanaitis",
  "representativeDuty": "Vadybininkas",
  "contacts": {
    "mobPhoneNoNetwork": "+37066666666",
    "mobPhoneNo2Network": "+37066666666",
    "mobPhoneNoInvoice": "+37066666666",
    "telPhoneNoNetwork": null,
    "emailNetwork": "pastas@pastas.lt",
    "email2Network": "pastas@pastas.lt",
    "emailInvoice": "pastas@pastas.lt"
  }
},
"contractNotificationStatus": [
  {
    "status": "A",
    "statusDate": "2022-04-28T08:13:29.401039"
  },
  {
    "status": "P",
    "statusDate": "2022-04-28T08:13:16.324149"
  }
],
"objects": [
  {
    "objectNumber": "66666777",
    "objectAddress": "Girios g. 9, Vilnius",
    "contractModel": "BSS",
    "tariffPlan": null,
    "timeZone": null,
    "payoffMethod": null,
    "objectNtr": null,
    "objectNtrDate": null,
```

```
          "uniqueRoomNo": null,
          "ntGetCoownerConsent": null,
          "auctionDate": null,
          "anotherSupplierContractCancellation": null,
          "cancelledByAnotherSupplier": false
        }
      ],
      "oldContractInfo": [
        {
          "contractType": "SKMS",
          "consumerCode": "777777",
          "object": {
            "objectNumber": "66666777",
            "objectAddress": "Girios g. 9, Vilnius",
            "contractModel": "BSS",
            "tariffPlan": "El. en. persiuntimo 1 planas II grupės vartotojams, gaunantiems elektros energiją
iš žemosios įtampos elektros tinklų",
            "timeZone": "1",
            "ownershipDocumentNumber": null,
            "ntGetCoownerConsent": false,
            "auctionDate": null,
            "payoffMethod": null,
            "meterNumbers": [
              "SAG7777777777777"
            ]
          }
        }
      ]
    }
]
```

Possible request 8	Possible response data 8
``{
"changeTypes": [
"NTK"
],
"contractStartFrom": null,
"contractStartTo": null,
"notificationId": 100012,```	```[
{
"notificationId": 100012,
"changeType": "NTK",
"contractType": "SBTS",
"contractStart": "2022-08-01",
"supplierContractNo": "Numeris-888",
"notes": "PASTABA1",
"userName": "Petras Petraitis",```

```
  "objectNumber": "88888866",
  "personCode": null,
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,
  "objectAddressSearch": null
}
```

```
  "submittedDate": "2022-04-20T12:08:15.906",
  "latestStatus": "IV",
  "errorType": null,
  "correspondenceAddress": {
   "addressLine": "Vilnelės g. 1, Kaunas",
   "street": "Vilnelės g.",
   "building": "1",
   "housingNo": null,
   "apartment": null,
   "locality": "Kaunas",
   "eldership": null,
   "municipality": null,
   "county": null
  },
  "ownerInfo": {
   "subjectType": "FAS",
   "personName": "Vardenis22",
   "personSurname": "Pavardenis22",
   "personCode": null,
   "birthDate": "2005-11-10T00:00:00",
   "vatCode": null,
   "representativeName": null,
   "representativeSurname": null,
   "representativeDuty": null,
   "contacts": {
    "mobPhoneNoNetwork": "+37066666666",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "telPhoneNoNetwork": null,
    "emailNetwork": "vardas.pavarde@pastas.lt",
    "email2Network": null,
    "emailInvoice": null
   }
  },
  "contractNotificationStatus": [
   {
    "status": "IV",
    "statusDate": "2022-04-20T13:20:15.906569"
   },
```

```
        {
          "status": "V",
          "statusDate": "2022-04-20T13:10:15.906569"
        },
        {
          "status": "I",
          "statusDate": "2022-04-20T13:08:15.906569"
        },
        {
          "status": "P",
          "statusDate": "2022-04-20T12:08:15.906569"
        }

      ],
      "objects": [
        {
          "objectNumber": "88888866",
          "objectAddress": "Vilnelės g. 1, Kaunas",
          "contractModel": "BSS",
          "tariffPlan": "Namai plius",
          "timeZone": "1",
          "payoffMethod": null,
          "objectNtr": null,
          "objectNtrDate": null,
          "uniqueRoomNo": null,
          "ntGetCoownerConsent": null,
          "auctionDate": null,
          "anotherSupplierContractCancellation": null,
          "cancelledByAnotherSupplier": true
        }
      ],
      "oldContractInfo": [
        {
          "contractType": "SBTS",
          "consumerCode": "66666",
          "object": {
            "objectNumber": "88888866",
            "objectAddress": "Vilnelės g. 1, Kaunas",
            "contractModel": "BSS",
            "tariffPlan": "Standartinis",
```

```
          "timeZone": "1",
          "ownershipDocumentNumber": "Numeris-66",
          "ntGetCoownerConsent": false,
          "auctionDate": null,
          "payoffMethod": "E",
          "meterNumbers": [
            "66666666"
          ]
        }
      }
    ]
  }
]
```

5.7.2 Method POST /gateway/notification/contract

Resource description	
Definition	The method is for NT to transfer contract owner / contract owner and supplier / supplier changes to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "changeType": "SK",
  "consentSign": true,
  "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]",
	{
	  "notificationId": [id kuriasi vis nauji]
	}

```
  "contractType": "SBTS",
  "correspondenceAddress": {
   "appartament": null,
   "building": "1",
   "county": null,
   "eldership": null,
   "housingNo": null,
   "locality": "Vilnius",
   "municipality": null,
   "street": "Adreso g."
  },
  "notes": "Pastaba 123",
  "objects": [
   {
    "auctionDate": null,
    "contractModel": "BSS",
    "ntGetCoownerConsent": true,
    "objectNtr": "12/12345",
    "objectNtrDate": "2021-01-01",
    "objectNumber": "98765432",
    "payoffMethod": null,
    "tariffPlan": "Namai",
    "timeZone": "2",
    "uniqueRoomNo": "1234-1234-1234:1234"
   },
{
    "auctionDate": null,
    "contractModel": "BSS",
    "ntGetCoownerConsent": false,
    "objectNtr": null,
    "objectNtrDate": null,
    "objectNumber": "14725836",
    "payoffMethod": "E",
    "tariffPlan": "Standartinis",
    "timeZone": "2",
    "uniqueRoomNo": null
   }
  ],
  "ownerInfo": {
```

```
    "birthDate": null,
    "contacts": {
      "email2Network": null,
      "emailInvoice": null,
      "emailNetwork": "vardas.pavarde@pastas.lt",
      "mobPhoneNo2Network": null,
      "mobPhoneNoInvoice": null,
      "mobPhoneNoNetwork": "+37061234567",
      "telPhoneNoNetwork": null
    },
    "personName": "Vardas",
    "personCode": "36363636363",
    "subjectType": "FAS",
    "personSurname": "Pavardė",
    "vatCode": null,
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty":  null
  },
  "supplierContractNo": null
}
```

Possible request 2	Possible response data 2

``
{
"changeType": "SK",
 "consentSign": true,
  "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]",
  "contractType": "SKMS",
  "correspondenceAddress": {
   "appartament": null,
   "building": "1",
   "county": null,
   "eldership": "Seniūnijos sen.",
   "housingNo": null,
   "locality": null,
   "municipality": " Vilniaus r. sav.",
   "street": "Gatvės g."
  },
``
	``
	{
	  "notificationId": [id kuriasi vis nauji]
	}
	``

```
  "notes": null,
  "objects": [
   {
     "auctionDate": "2021-07-05",
     "contractModel": "2S2S",
     "ntGetCoownerConsent": false,
     "objectNtr": null,
     "objectNtrDate": null,
     "objectNumber": "12345678",
     "payoffMethod": null,
     "tariffPlan": null,
     "timeZone": "2",
     "uniqueRoomNo": null
   }
  ],
  "ownerInfo": {
   "birthDate": null,
   "contacts": {
     "email2Network": "vardas.pavarde@imone1.lt",
     "emailInvoice": "vardas.pavarde@imone2.lt",
     "emailNetwork": "vardas.pavarde@imone.lt",
     "mobPhoneNo2Network": "+37069876543",
     "mobPhoneNoInvoice": "+37066565656",
     "mobPhoneNoNetwork": "+37061234567",
     "telPhoneNoNetwork": "+37051212121"
   },
   "personName": "UAB \"UAB\"",
   "personCode": "123456720",
   "subjectType": "JAS",
   "personSurname": null,
   "vatCode": null,
   "representativeName": "Antanas2",
   "representativeSurname": "Antanaitis2",
   "representativeDuty":  "Vadybininkas"
  },
  "supplierContractNo": null
}
```

Possible request 3	Possible response data 3

```
{
 "changeType": "STK",
 "consentSign": true,
 "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]",
 "contractType": "SKMS",
 "correspondenceAddress": {
  "appartament": "5",
  "building": "10",
  "county": null,
  "eldership": null,
  "housingNo": null,
  "locality": "Prienai",
  "municipality": null,
  "street": "Onos Onaitės g."
 },
 "notes": "Pastabos pavyzdys",
 "objects": [
  {
   "auctionDate": null,
   "contractModel": "BSS",
   "ntGetCoownerConsent": true,
   "objectNtr": "97/12344",
   "objectNtrDate": "2021-01-01",
   "objectNumber": "22222222",
   "payoffMethod": null,
   "tariffPlan": null,
   "timeZone": "1",
   "uniqueRoomNo": null
  }
 ],
 "ownerInfo": {
  "birthDate": "1960-01-01",
  "contacts": {
   "email2Network": null,
   "emailInvoice": "vardas.pavarde@ukininkas.lt",
   "emailNetwork": "vardas.pavarde@ukininkas.lt",
   "mobPhoneNo2Network": null,
   "mobPhoneNoInvoice": "+37061234522",
   "mobPhoneNoNetwork": "+37061234567",
```

```
{
 "notificationId": [id kuriasi vis nauji]
}
```

     "telPhoneNoNetwork": null
    },
    "personName": "Vardas",
    "personCode": "55555555555",
    "subjectType": "FAS",
    "personSurname": "Pavardė",
    "vatCode": "1414141414",
    "representativeName": null,
    "representativeSurname": null,
    "representativeDuty": null
  },
  "supplierContractNo": "Numeris-123"
}

Possible request 4	Possible response data 4

{
 "changeType": "STK",
 "consentSign": true,
 "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]",
 "contractType": "SKMS",
 "correspondenceAddress": {
  "appartament": null,
  "building": "110",
  "county": null,
  "eldership": null,
  "housingNo": null,
  "locality": "Birštonas",
  "municipality": null,
  "street": " Alksnių g."
 },
 "notes": "Nėra",
 "objects": [
  {
   "auctionDate": null,
   "contractModel": "BSS",
   "ntGetCoownerConsent": false,
   "objectNtr": null,
   "objectNtrDate": null,
	{
	 "notificationId": [id kuriasi vis nauji]
	}

    "objectNumber": "444444444",
    "payoffMethod": null,
    "tariffPlan": null,
    "timeZone":"1",
    "uniqueRoomNo": null
   }
  ],
  "ownerInfo": {
   "birthDate": null,
   "contacts": {
    "email2Network": null,
    "emailInvoice": "vardas.pavarde@imone.lt",
    "emailNetwork": "vardas.pavarde@imone.lt",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": "+37063834567",
    "mobPhoneNoNetwork": "+37061234567",
    "telPhoneNoNetwork": null
   },
   "personName": "UAB \"Įmonė\"",
   "personCode": "888888888",
   "subjectType": "JAS",
   "personSurname": null,
   "vatCode": null,
   "representativeName": null,
   "representativeSurname": null,
   "representativeDuty": null
  },
  "supplierContractNo": "Numeris-321"
}

Possible request 5	Possible response data 5

{
 "changeType": "NTK",
 "consentSign": true,
 "contractStart": "2022-07-01",
 "contractType": "SBTS",
 "correspondenceAddress": {
	{
	 "notificationId": [id kuriasi vis nauji]
	}

```
    "appartament": null,
    "building": null,
    "county": null,
    "eldership": null,
    "housingNo": null,
    "locality": null,
    "municipality": null,
    "street": null
  },
  "notes": "note",
  "objects": [
    {
      "auctionDate": null,
      "contractModel": "BSS",
      "ntGetCoownerConsent": null,
      "objectNtr": null,
      "objectNtrDate": null,
      "objectNumber": "55555555",
      "payoffMethod": null,
      "tariffPlan": "Namai",
      "timeZone": "2",
      "uniqueRoomNo": null
    }
  ],
  "ownerInfo": {
    "birthDate": "2001-07-21",
    "contacts": {
      "email2Network": null,
      "emailInvoice": null,
      "emailNetwork": "pastas222@pastas.lt",
      "mobPhoneNo2Network": null,
      "mobPhoneNoInvoice": null,
      "mobPhoneNoNetwork": "+37062884809",
      "telPhoneNoNetwork": null
    },
    "personCode": "55555555555",
    "personName": "Name",
    "personSurname": "Surname",
    "subjectType": "FAS",
```

"vatCode": null, "representativeName": null, "representativeSurname": null, "representativeDuty": null }, "supplierContractNo": "Numeris-555" }	
Possible request 6	**Possible response data 6**

{
"changeType": "NTK",
"consentSign": true,
"contractStart": "2022-07-01",
"contractType": "SKMS",
"correspondenceAddress": {
 "appartament": null,
 "building": "1",
 "county": null,
 "eldership": null,
 "housingNo": null,
 "locality": "Varniai",
 "municipality": null,
 "street": "Saulės g."
},
"notes": "note",
"objects": [
 {
  "auctionDate": null,
  "contractModel": "BSS",
  "ntGetCoownerConsent": null,
  "objectNtr": null,
  "objectNtrDate": null,
  "objectNumber": "88888888",
  "payoffMethod": null,
  "tariffPlan": null,
  "timeZone": null,
  "uniqueRoomNo": null
	{
	"notificationId": [id kuriasi vis nauji]
	}

    }
  ],
  "ownerInfo": {
   "birthDate": null,
   "contacts": {
     "email2Network": "pastas333@pastas.lt",
     "emailInvoice": "pastas222@pastas.lt",
     "emailNetwork": "pastas444@pastas.lt",
     "mobPhoneNo2Network": "+37065544444",
     "mobPhoneNoInvoice": "+37065544444",
     "mobPhoneNoNetwork": "+37062884809",
     "telPhoneNoNetwork": "+37062884809"
   },
   "personCode": "888888881",
   "personName": "UAB \"Įmonė\"",
   "subjectType": "JAS",
   "vatCode": null,
   "representativeName": null,
   "representativeSurname": null,
   "representativeDuty": null
  },
  "supplierContractNo": "Numeris-666"
}

Possible request 7	Possible response data 7

{
  "changeType": "NTK",
  "consentSign": true,
  "contractStart": "2022-11-01",
  "contractType": "SBTS",
  "correspondenceAddress": {
   "appartament": null,
   "building": null,
   "county": null,
   "eldership": null,
   "housingNo": null,
   "locality": null,
	{
	  "notificationId": [id kuriasi vis nauji]
	}

```json
    "municipality": null,
    "street": null
  },
  "notes": "note",
  "objects": [
   {
     "auctionDate": null,
     "contractModel": "BSS",
     "ntGetCoownerConsent": null,
     "objectNtr": null,
     "objectNtrDate": null,
     "objectNumber": "76767676",
     "payoffMethod": null,
     "tariffPlan": "Namai",
     "timeZone": "2",
     "uniqueRoomNo": null
   }
  ],
  "ownerInfo": {
   "birthDate": "1921-09-11",
   "contacts": {
     "email2Network": "pastas@gmail.com",
     "emailInvoice": null,
     "emailNetwork": null,
     "mobPhoneNo2Network": null,
     "mobPhoneNoInvoice": null,
     "mobPhoneNoNetwork": "+37067723456",
     "telPhoneNoNetwork": null
   },
   "personCode": "12345678345",
   "personName": "Vardenis",
   "personSurname": "Pavardenis",
   "subjectType": "FAS",
   "vatCode": null,
   "representativeName": null,
   "representativeSurname": null,
   "representativeDuty":  null
  },
  "supplierContractNo": "Numeris-777"
```

```
}
```

5.7.3 Method POST /gateway/notification/{notificationId}/contract/cancel

Resource description	
Definition	The method is to cancel the change of contract owner / contract owner and supplier / supplier notification.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/contract/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
notificationId (URL parameter) : 100006	If the request is successful, an **HTTP 201 Created** message is returned.

5.8 Notification contract termination controller

5.8.1 Method POST /gateway/notification/contract/termination/list

Resource description	
Definition	Method to obtain information of the contract termination.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/termination/list?first={integer}&count={integer}&sortOrder={ASC/DSC} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "personCode": "55555555555",
  "objectNumber": null,
  "notificationId": null,
  "contractTerminationDateFrom": null,
  "contractTerminationDateTo": null,
  "submittedDateFrom": "2021-11-18T00:00:00",
  "submittedDateTo": "2021-11-18T23:59:59",
  "status": null,
  "contractTerminationReason": null,
	[
	  {
	    "notificationId": 100001,
	    "contractTerminationDate": "2021-11-30",
	    "contractTerminationReason": "N",
	    "userName": "Vardas Pavardė",
	    "submittedDate": "2021-11-18T10:00:00",
	    "latestStatus": "IV",

```
  "userNameSearch": null
}
```

```
"errorType": null,
"objects":[
  {
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "********555",
    "consumerCode": "55555555",
    "objectNumber": "55555555",
    "objectAddress": "Kauno g. 2, Kaunas",
    "contractType": "SBTS",
    "contractModel": "BSS",
    "contractStart": "2021-01-01",
    "coowner": null,
    "coownerConsentDate": null
  }
],
"contractTerminationNotificationStatus":[
  {
    "status":"IV",
    "statusDate":"2021-11-18T11:03:00"
  },
  {
    "status":"V",
    "statusDate":"2021-11-18T11:02:00"
  },
  {
    "status":"I",
    "statusDate":"2021-11-18T11:00:00"
  },
  {
    "status": "P",
    "statusDate": "2021-11-18T10:00:00"
  }
 ]
 }
]
```

Possible request 2	Possible response data 2

`{`
`  "personCode": null,`
`  "objectNumber": "66666666",`
`  "notificationId": 100002,`
`  "contractTerminationDateFrom": null,`
`  "contractTerminationDateTo": null,`
`  "submittedDateFrom": null,`
`  "submittedDateTo": null,`
	`[`
	`  {`
	`    "notificationId": 100002,`
	`    "contractTerminationDate": "2021-11-17",`
	`    "contractTerminationReason": "P",`
	`    "userName": "Vardas Pavardė",`

```
    "status": null,
    "contractTerminationReason": "P",
    "userNameSearch": null
}
```

```
        "submittedDate": "2021-11-17T10:00:00",
      "latestStatus": "P",
    "errorType": null,
      "objects":[
          {
            "personName": "Vardas",
            "personSurname": "Pavardė",
            "personCode": "********666",
            "consumerCode": "66666666",
            "objectNumber": "66666666",
            "objectAddress": "Palangos g. 2, Palanga",
            "contractType": "SBTS",
            "contractModel": "BSS",
            "contractStart": "2021-01-01",
            "coowner": null,
            "coownerConsentDate": null
          }
      ],
      "contractTerminationNotificationStatus":[
          {
            "status": "P",
            "statusDate": "2021-11-17T10:00:00"
          }
      ]
    }
]
```

Possible request 3	Possible response data 3

```
{
  "personCode": null,
  "objectNumber": null,
  "notificationId": 100003,
  "contractTerminationDateFrom": null,
  "contractTerminationDateTo": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "status": "V",
  "contractTerminationReason": null,
  "userNameSearch": null
}
```

```
[
  {
  "notificationId": 100003,
  "contractTerminationDate": "2021-11-17",
  "contractTerminationReason": "P",
  "userName": "Vardas Pavardė",
  "submittedDate": "2021-11-17T10:00:00",
  "latestStatus": "V",
  "errorType": null,
  "objects": [
    {
      "personName": "UAB \"PAVADINIMAS\"",
      "personSurname": null,
      "personCode": "777777777",
      "consumerCode": "77777",
      "objectNumber": "77777771",
```

```
      "objectAddress": "Vilniaus g. 3, Vilnius",
      "contractType": "SKMS",
      "contractModel": "2S2S",
      "contractStart": "2014-05-01",
      "coowner": false,
      "coownerConsentDate": null
    },
    {
     "personName": "UAB \"PAVADINIMAS\"",
     "personSurname": null,
     "personCode": "777777777",
     "consumerCode": "77777",
     "objectNumber": "77777777",
     "objectAddress": "Vilniaus g. 2, Vilnius",
     "contractType": "SKMS",
     "contractModel": "2S2S",
     "contractStart": "2014-05-01",
     "coowner": true,
     "coownerConsentDate": "2021-11-01"
    }
   ],
   "contractTerminationNotificationStatus": [
    {
     "status": "V",
     "statusDate": "2021-11-17T10:15:00"
    },
    {
     "status": "I",
     "statusDate": "2021-11-17T10:10:00"
    },
    {
     "status": "P",
     "statusDate": "2021-11-17T10:00:00"
    }
   ]
  }
]
```

5.8.2 Method POST /gateway/notification/contract/termination

Resource description

Definition	The method is for NT to transfer contract termination to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/termination
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
``` { "contractTerminationDate": "2021-11-30", "contractTerminationReason": "N", "consentSign": true, "objects":[{ "objectNumber": "11111111", "coowner": null, "coownerConsentDate": null }] } ```	``` { "notificationId": 100004 } ``` Pastaba: id kuriasi vis nauji.
Possible request 2	**Possible response data 2**
``` { "contractTerminationDate": "2021-11-17", "contractTerminationReason": "P", "consentSign": true, "objects":[{ "objectNumber": "12121212", "coowner": null, "coownerConsentDate": null }] } ```	``` { "notificationId": 100005 } ``` Pastaba: id kuriasi vis nauji.
Possible request 3	**Possible response data 3**
``` { "contractTerminationDate": "2021-11-17", "contractTerminationReason": "L", "consentSign": true, "objects":[{ ```	``` { "notificationId": 100006 } ``` Pastaba: id kuriasi vis nauji.

```
        "objectNumber": "33333333",
        "coowner": true,
        "coownerConsentDate": "2021-11-01"
    },
{
        "objectNumber": "31313131",
        "coowner": false,
        "coownerConsentDate": null
    }
 ]
 }
```

5.8.3 Method POST /gateway/notification/{notificationId}/contract/termination/cancel

Resource description	
Definition	The method is to cancel the contract termination notification.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/contract/termination/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
notificationId (URL parameter) : 100002	If the request is successful, an **HTTP 201 Created** message is returned.

5.9 Notification contract tariff plan controller

5.9.1 Method POST /gateway/notification/contract/tariff-plan/list

Resource description	
Definition	The method is designed to obtain an information of tariff change
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/tariff-plan/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "notificationId": 10000001,
  "personCode": "11111111111",
  "consumerCode": "11111111",
  "objectNumber": "11111111",
  "objectAddressSearch": null,
  "status": "P",
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "newTariffPlanSearch": null,
  "newTimeZone": "2",
  "contractType": "SBTS",
  "contractModel": null,
  "userNameSearch": null
}
	[
	  {
	    "notificationId": 10000001
	    "latestStatus": "P",
	    "errorType": null,
	    "submittedDate": "2021-12-01T10:00:00",
	    "userName": "Vardenis Pavardenis1",
	    "objects":[
	      {
	        "personName": "Vardas1",
	        "personSurname": "Pavardė1",
	        "personCode": "*******111",
	        "consumerCode": "11111111",
	        "objectNumber": "11111111",
	        "objectAddress": "Vilniaus g. 1, Vilnius",
	        "contractType": "SBTS",
	        "contractModel": "BSS",
	        "tariffPlan": "Standartinis",
	        "timeZone": "1",
	        "newTariffPlan": "Standartinis",
	        "newTimeZone": "2"
	      }
	    ],
	    "status":[
	      {
	        "status": "P",
	        "statusDate":"2021-12-01T10:00:00"
	      }
	    ]
	  }
	]

5.9.2 Method POST /gateway/notification/contract/tariff-plan

Resource description	
Definition	The method is for independent supplier to transfer the tariff plan change to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/tariff-plan
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
| ```
{
  "consentSign": true,
  "objects":[
    {
      "objectNumber": "11111111",
      "newTariffPlan": "Standartinis",
      "newTimeZone": "2"
    }
  ]
}
``` | ```
{
  "notificationId": [id kuriasi vis nauji]
}
``` |
| **Possible request 2** | **Possible response data 2** |
| ```
{
  "consentSign": true,
  "objects":[
    {
      "objectNumber": "22222222",
      "newTariffPlan": null,
      "newTimeZone": "2"
    }
  ]
}
``` | ```
{
  "notificationId": [id kuriasi vis nauji]
}
``` |
| **Possible request 3** | **Possible response data 3** |
| ```
{
  "consentSign": true,
  "objects":[
    {
      "objectNumber": "33333333",
      "newTariffPlan": "Išmanusis",
      "newTimeZone": "4"
    },
    {
``` | ```
{
  "notificationId": [id kuriasi vis nauji]
}
``` |

```
    "objectNumber": "44444444",
    "newTariffPlan": "Namai plius",
    "newTimeZone": "1"
  }
 ]
}
```

5.9.3 Method POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel

Resource description	
Definition	The method is intended to cancel the tariff plan change.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
notificationId (URL parameter) : 10000001	If the request is successful, an **HTTP 201 Created** message is returned.

5.10 Notification contract contact controller

5.10.1 Method POST /gateway/notification/contract/contact/list

Resource description	
Definition	The method is to obtain a list of contact changes.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/contact/list?first={integer}&count={integer}&sortKey={string}&so
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

Possible request 1

```
{
  "notificationId": null,
  "personCode": null,
  "consumerCode": "11111111",
  "objectNumber": "11111111",
  "objectAddressSearch": null,
  "status": "P",
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "contractType": null,
  "newCorrespondenceAddressSearch": null,
  "newPhoneSearch": null,
  "newEmailSearch": null,
  "userNameSearch": null
}
```

Possible response data 1

```
[
  {
    "notificationId": "10000001",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "11111111111",
    "consumerCode": "11111111",
    "contractType": "SBTS",
    "submittedDate": "2022-01-01T10:00:00",
    "latestStatus": "P",
    "errorType": null,
    "userName": "Vardenis Pavardenis",
    "newContact":{
      "newCorrespondenceAddress": "Alytaus g. 1, Alytus",
      "newMobPhoneNoNetwork": "+37060000001",
      "newMobPhoneNo2Network": null,
      "newPhoneNoNetwork": null,
      "newMobPhoneNoInvoice": null,
      "newEmailNetwork": null,
      "newEmail2Network": null,
      "newEmailInvoice": null
    },
    "contact":{
      "correspondenceAddress": "Prienų g. 1, Prienai",
      "mobhoneNoNetwork": "+37060000002",
      "mobhoneNo2Network": null,
      "phoneNoNetwork": null,
      "mobPhoneNoInvoice": null,
      "emailNetwork": null,
      "email2Network": null,
      "emailInvoice": null
    },
    "objects":[
      {
        "objectNumber": null,
        "objectAddress": null,
        "newMobPhoneNoObject": null,
        "mobPhoneNoObject": null
      }
    ],
    "status":[
      {
        "status": "P",
        "statusDate": "2022-01-01T10:00:00"
      }
    ]
  }
]
```

Possible request 2

```
{
  "notificationId": null,
  "personCode": null,
  "consumerCode": "22222",
  "objectNumber": null,
  "objectAddressSearch": null,
```

Possible response data 2

```
[
  {
    "notificationId": "10000002",
    "name": "Įmonės pavadinimas",
    "surname": null,
    "personCode": "222222222",
```

```
    "status": null,
    "submittedDateFrom": null,
    "submittedDateTo": null,
    "contractType": null,
    "newCorrespondenceAddressSearch": null,
    "newPhoneSearch": null,
    "newEmailSearch": null,
    "userNameSearch": null
}
```

```
    "consumerCode": "22222",
    "contractType": "SKMS",
    "submittedDate": "2022-01-01T10:00:00",
    "latestStatus": "IV",
    "errorType": null,
    "userName": "Vardenis1 Pavardenis1",
    "newContact":{
      "newCorrespondenceAddress": "Ukmergės g. 1,
Ukmergė",
      "newMobPhoneNoNetwork": "+37060000003",
      "newMobPhoneNo2Network": null,
      "newPhoneNoNetwork": null,
      "newMobPhoneNoInvoice": "+37060000004",
      "newEmailNetwork": "pastas@pastas.lt",
      "newEmail2Network": "pastas1@pastas.lt",
      "newEmailInvoice": "pastas2@pastas.lt"
    },
    "contact":{
      "correspondenceAddress": "Mažeikių g. 1,
Mažeikiai",
      "mobPhoneNoNetwork": "+37060000005",
      "mobPhoneNo2Network": null,
      "phoneNoNetwork": null,
      "mobPhoneNoInvoice": "+37060000006",
      "emailNetwork": "pastas3@pastas.lt",
      "email2Network": "pastas4@pastas.lt",
      "emailInvoice": "pastas5@pastas.lt"
    },
    "objects":[
      {
        "objectNumber": "33333333",
        "objectAddress": Mažeikių g. 1, Mažeikiai,
        "newMobPhoneNoObject": "+37060000006",
        "mobPhoneNoObject": "+37060000007"
      },
      {
        "objectNumber": "44444444",
        "objectAddress": Mažeikių g. 2, Mažeikiai,
        "newMobPhoneNoObject": "+37060000008",
        "mobPhoneNoObject": "+37060000009"
      }
    ],
    "status":[
      {
        "status": "IV",
        "statusDate": "2022-01-01T11:20:00"
      },
      {
        "status": "V",
        "statusDate": "2022-01-01T11:10:00"
      },
      {
        "status": "I",
        "statusDate": "2022-01-01T11:00:00"
      },
      {
        "status": "P",
        "statusDate": "2022-01-01T10:00:00"
      }
```

	] }]

5.10.2 Method POST /gateway/notification/contract/contact

Resource description	
Definition	The method is for independent supplier to transfer the contact change to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/contact
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "consumerCode": "11111111",
  "consentSign": true,
  "newCorrespondenceAddress":{
    "newStreet": "Panevėžio g.",
    "newBuilding": "1",
    "newHousingNo": null,
    "newAppartament": null,
    "newLocality": null,
    "newEldership": null,
    "newMunicipality": "Panevėžio m. sav.",
    "newCounty": null
  },
  "newContact":{
    "newMobPhoneNoNetwork": "+37060000001",
    "newMobPhoneNo2Network": null,
    "newMobPhoneNoInvoice": null,
    "newPhoneNoNetwork": null,
    "newEmailNetwork":
"vardas.pavarde@pastas.lt",
    "newEmail2Network": null,
    "newEmailInvoice": null
  },
  "objects":[
    {
      "objectNumber": null,
      "newMobPhoneNoObject": null
    }
  ]
}
	{
	  "notificationId": [id kuriasi vis nauji]
	}

Possible request 1	**Possible response data 1**

{
  "consumerCode": "22222",
  "consentSign": true,
	{
	  "notificationId": [id kuriasi vis nauji]

```
  "newCorrespondenceAddress":{
    "newStreet": "Elektrėnų g.",
    "newBuilding": "1",
    "newHousingNo": null,
    "newAppartament": null,
    "newLocality": null,
    "newEldership": null,
    "newMunicipality": "Elektrėnų m. sav.",
    "newCounty": null
  },
  "newContact":{
    "newMobPhoneNoNetwork": "+37060000002",
    "newMobPhoneNo2Network":
"+37060000003",
    "newMobPhoneNoInvoice": "+37060000004",
    "newPhoneNoNetwork": "+37060000005",
    "newEmailNetwork": "imone@pastas.lt",
    "newEmail2Network": "imone1@pastas.lt",
    "newEmailInvoice": "imone1@pastas.lt"
  },
  "objects":[
    {
      "objectNumber": "11111111",
      "newMobPhoneNoObject": "+37060000005"
    },
    {
      "objectNumber": "22222222",
      "newMobPhoneNoObject": "+37060000006"
    }
  ]
}
```

```
}
```

5.10.3 Method POST /gateway/notification/{notificationId}/contract/contact/cancel

Resource description	
Definition	The method is intended to cancel the contact change.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/contract/contact/cancel
letalRequest URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	**Possible response data 1**
notificationId (URL parameter) : 10000001	If the request is successful, an **HTTP 201 Created** message is returned.

5.11 Order controller

5.11.1 Method POST/gateway/order/list

Resource description	
Definition	Method is designed to obtain the list of the ordered reports
Detailed description of method in API documentation (ENG)	POST/gateway/order/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/D
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
"orderId": 100001,
"orderTypes": ["bill-2s2s-b2b"],
 	
"submittedDateFrom": "2022-01-01",
"submittedDateTo": "2022-01-31",
"dateFrom": null,
"dateTo": null,
"status": "IV",
"auto": false,
"userNameSearch": null
}
	[
	  {
	    "orderId": 100001,
	    "orderType": "bill-2s2s-b2b",
	    "submittedDate": "2022-01-01T10:00:00",
	    "dateFrom": "2022-01-01",
	    "dateTo": "2022-01-31",
	    "orderParameters":
	"{\"consumerCode\":null,\"personCode\":null,\"objectNumber\":null,\"contractType\":null}",
	    "latestStatus": "IV",
	    "statusDate": "2022-01-01T10:01:00",
	    "expireDate": "2122-01-02T10:01:00",
	    "auto": false,
	    "userName": "PUBLIC"
	  }
	]

Possible request 2	**Possible response data 2**

{
"orderId": 100002,
"orderTypes": ["bill-2s2s-b2b"],
 	
"submittedDateFrom": "2022-01-01",
"submittedDateTo": "2022-01-31",
"dateFrom": null,
"dateTo": null,
"status": "IV",
"auto": false,
"userNameSearch": null
}
	[
	{
	  "orderId": "100002",
	  "orderType": "bill-2s2s-b2b",
	  "submittedDate": "2022-01-01T11:00:00"
	  "dateFrom": "2022-01-01",
	  "dateTo": "2022-01-31",
	  "orderParameters": "{"consumerCode":null, "personCode": null, "objectNumber": null,
	"contractType":null}",
	  "latestStatus": "IV",
	  "statusDate": "2022-01-01T11:01:00",
	  "expireDate": "2122-01-02T11:01:00",
	  "auto": false,
	  "userName": "PUBLIC"
	  }
	]

Possible request 3	Possible response 3

{
 "orderId": null,
 "orderTypes": ["data-hr-15min-obj-lvl"],
 	
"submittedDateFrom":
"2022-03-01",
 "submittedDateTo":
"2022-03-01",
 "dateFrom": null,
 "dateTo": null,
 "status": "IV",
 "auto": false,
 "userNameSearch":
null
 }
	[
	  {
	    "orderId": 100003,
	    "orderType": "data-hr-15min-obj-lvl",
	    "submittedDate": "2022-03-01T11:00:00",
	    "dateFrom": "2021-03-01",
	    "dateTo": "2022-02-28",
	    "orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"],
	\"objectNumber\": \"55555555\",\"interval\": \"HOUR\"}",
	    "latestStatus": "IV",
	    "statusDate": "2022-03-01T11:01:00",
	    "expireDate": "2122-03-02T11:01:00",
	    "auto": false,
	    "userName": "PUBLIC"
	  },
	  {
	    "orderId": 100004,
	    "orderType": "data-hr-15min-obj-lvl",
	    "submittedDate": "2022-03-01T11:00:00",
	    "dateFrom": "2021-03-01",
	    "dateTo": "2022-02-28",
	    "orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"],
	\"objectNumber\": \"66666666\",\"interval\": \"HOUR\"}",
	    "latestStatus": "IV",
	    "statusDate": "2022-03-01T11:01:00",
	    "expireDate": "2122-03-02T11:01:00",
	    "auto": false,
	    "userName": "PUBLIC"
	  },
	  {
	    "orderId": 100005,
	    "orderType": "data-hr-15min-obj-lvl",
	    "submittedDate": "2022-03-01T11:00:00",
	    "dateFrom": "2021-03-01",
	    "dateTo": "2022-02-28",
	    "orderParameters": "{\"consumptionCategory\":[\"P+\"], \"objectNumber\":
	\"77777777\",\"interval\": \"HOUR\"}",
	    "latestStatus": "IV",
	    "statusDate": "2022-03-01T11:01:00",
	    "expireDate": "2122-03-02T11:01:00",
	    "auto": false,
	    "userName": "PUBLIC"
	  },
	  {
	    "orderId": 100006,
	    "orderType": "data-hr-15min-obj-lvl",
	    "submittedDate": "2022-03-01T11:00:00",
	    "dateFrom": "2021-03-01",
	    "dateTo": "2022-02-28",
	    "orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"],
	\"objectNumber\": \"88888888\",\"interval\": \"HOUR\"}",
	    "latestStatus": "IV",
	    "statusDate": "2022-03-01T11:01:00",
	    "expireDate": "2122-03-02T11:01:00",
	    "auto": false,
	    "userName": "PUBLIC"
	  }

```
]
```

Possible request 4	Possible response 4

```
{
 "orderId": null,
 "orderTypes": ["data-
hr-15min-mtr-lvl"],

"submittedDateFrom":
"2022-03-01",
 "submittedDateTo":
"2022-03-01",
 "dateFrom": null,
 "dateTo": null,
 "status": "IV",
 "auto": false,
 "userNameSearch":
null
}
```

```
[
  {
    "orderId": 100007,
    "orderType": "data-hr-15min-mtr-lvl",
    "submittedDate": "2022-03-01T11:00:00",
    "dateFrom": "2021-03-01",
    "dateTo": "2022-02-28",
    "orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"],
\"objectNumber\": \"22222222\",\"interval\": \"HOUR\"}",
    "latestStatus": "IV",
    "statusDate": "2022-03-01T11:01:00",
    "expireDate": "2122-03-02T11:01:00",
    "auto": false,
    "userName": "PUBLIC"
  },
  {
    "orderId": 100008,
    "orderType": "data-hr-15min-mtr-lvl",
    "submittedDate": "2022-03-01T11:00:00",
    "dateFrom": "2021-03-01",
    "dateTo": "2022-02-28",
    "orderParameters": "{\"consumptionCategory\":[\"P+\"], \"objectNumber\":
\"33333333\",\"interval\": \"HOUR\"}",
    "latestStatus": "IV",
    "statusDate": "2022-03-01T11:01:00",
    "expireDate": "2122-03-02T11:01:00",
    "auto": false,
    "userName": "PUBLIC"
  },
  {
    "orderId": 100009,
    "orderType": "data-hr-15min-mtr-lvl",
    "submittedDate": "2022-03-01T11:00:00",
    "dateFrom": "2021-03-01",
    "dateTo": "2022-02-28",
    "orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"],
\"objectNumber\": \"44444444\",\"interval\": \"HOUR\"}",
    "latestStatus": "IV",
    "statusDate": "2022-03-01T11:01:00",
```

	"expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }]

Possible request 5	Possible response 5

{
 "orderId": 100010,
 "orderTypes":
 ["report-obj"],
 	
 "submittedDateFrom":
 "2021-12-01",
 "submittedDateTo":
 null,
 "dateFrom": null,
 "dateTo": null,
 "status": "IV",
 "auto": false,
 "userNameSearch":
 null
 }
	[
	  {
	   "orderId": 100010,
	   "orderType": "report-obj",
	   "submittedDate": "2022-01-01T11:00:00",
	   "dateFrom": "2021-01-01",
	   "dateTo": "2022-04-30",
	   "orderParameters": "{\"consumerCode\":null, \"personCode\":null,
	 \"objectNumbers\":null, \"contractType\":null}",
	   "latestStatus": "IV",
	   "statusDate": "2022-01-01T11:01:00",
	   "expireDate": "2122-01-02T11:01:00",
	   "auto": false,
	   "userName": "PUBLIC"
	  }
	]

5.11.2 Method POST/gateway/order/{hr15OrderShortName}

Resource description	
Definition	Method will order the chosen report.
Detailed description of method in API documentation (ENG)	POST/gateway/order/{hr15OrderShortName}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
 "dateFrom": "2021-03-01",
 "dateTo": "2022-02-28",
 "consumptionCategories": ["P+", "P-", "Q+", "Q-"],
 "objectNumbers": ["11111111"],
 "interval": "HOUR"
 }
	{
	  "orderId": [id kuriasi vis nauji]
	 }

Possible request 2	**Possible response data 2**

{
 "dateFrom": "2021-03-01",
 "dateTo": "2022-02-28",
 "consumptionCategories": ["P+", "P-", "Q+", "Q-"],
	{
	  "orderId": [id kuriasi vis nauji]
	 }

"objectNumbers":["22222222"], "interval":"HOUR" }	
Posssible request 3	**Possible response 3**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+"],
"objectNumbers":["33333333"],
"interval":"HOUR"
}
	{
	"orderId":[id kuriasi vis naujas]
	}

Posssible request 4	**Possible response 4**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+", "P-", "Q+", "Q-"],
"objectNumbers":["44444444"],
"interval":"HOUR"
}
	{
	"orderId":[id kuriasi vis naujas]
	}

Posssible request 5	**Possible response 5**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+", "P-", "Q+", "Q-"],
"objectNumbers":["55555555"],
"interval":"HOUR"
}
	{
	"orderId":[id kuriasi vis naujas]
	}

Posssible request 6	**Possible response 6**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+", "P-", "Q+", "Q-"],
"objectNumbers":["66666666"],
"interval":"HOUR"
}
	{
	"orderId":[id kuriasi vis naujas]
	}

Posssible request 7	**Possible response 7**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+"],
"objectNumbers":["77777777"],
"interval":"HOUR"
}
	{
	"orderId":[id kuriasi vis naujas]
	}

Posssible request 8	**Possible response 8**

{
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"consumptionCategories": ["P+", "P-", "Q+", "Q-"],
	{
	"orderId":[id kuriasi vis naujas]
	}

```
"objectNumbers":["88888888"],
"interval":"HOUR"
}
```

5.11.3 Method POST/gateway/order/{orderShortName}

Resource description	
Definition	Method will order the chosen report.
Detailed description of method in API documentation (ENG)	POST/gateway/order/{orderShortName}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1 – 2s2s report	Possible response data 1

{
"dateFrom": "2022-01-01",
"dateTo": "2022-01-31",
"consumerCode": null,
"personCode": null,
"objectNumber": ["null"],
"contractType": null
}
	{
	"orderId": [id kuriasi vis nauji]
	}

Possible request 2 – objects report	**Possible response data 2**

{
"dateFrom": "2020-05-01",
"dateTo": "2022-05-31",
"consumerCode": null,
"personCode": null,
"objectNumber": ["null"],
"contractType": null
}
	{
	"orderId": [id kuriasi vis nauji]
	}

5.11.4 Method GET/gateway/order/{orderId}/data-hr-15min-obj-lvl

Resource description	
Definition	The method is designed to obtain fifteen minute / hour report data.
Detailed description of method in API documentation (ENG)	GET/gateway/order/{orderId}/data-hr-15min-obj-lvl
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request	Possible response

{
  "orderId": "100003"
 	
}
	Possible response is submitted in the .csv file of the report

{
  "orderId": "100004"
}	

{
  "orderId": "100005"
}	

{
  "orderId": "100006"
}	

5.11.5 Method GET/gateway/order/{orderId}/data-hr-15min-mtr-lvl

Resource description	
Definition	The method is designed to obtain fifteen minute / hour report data.
Detailed description of method in API documentation (ENG)	GET/gateway/order/{orderId}/data-hr-15min-mtr-lvl
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request	Possible response

{
  "orderId": "100007"
 	
}
	Possible response is submitted in the .csv file of the report

{
  "orderId": "100008"
}	

{
  "orderId": "100009"
}	

5.11.6 Method GET/gateway/order/{orderId}/bill-2s2s-b2b

Resource description	
Definition	The method is used to obtain 2s2s report data.
Detailed description of method in API documentation (ENG)	GET/gateway/order/{orderId}/bill-2s2s-b2b
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1	Possible response data 1 (continuation)

{
  "orderId":
"100001"
}
	[
	  {
	    "vatInvoiceNumber":"00017996",
	    "vatInvoiceSeries":"EASS",
	    "objects":[
	      {
	        "contractType":"SKMS",
	        "consumerCode":"111111",
	        "personCode":"11111111111",
	        "personName":"Vardas",
	        "personSurname":"Pavardė",
	        "objectId":1111111,
	        "objectNumber":"11111111",
	        "objectName":"PARDUOTUVĖ",
	        "objectTypeName":"Prekybos paskirties
	objektai",
	        "objectAddress":"Adresas 1",
	        "autoMetersAmount":0,
	        "products":[
	          {
	            "billingPeriod":"2022-01-01T00:00:00",
	            "generatingObjectType":null,
	            "tariffPlan":null,
	            "productCode":"DIENINISSTO",
	            "productName":"El. en. persiuntimas
	dieniniu tarifu",
	            "productType":"DD",
	            "consumptionCategory":"P+",
	            "consumptionAmount":1985,
	            "unit":"kWh",
	            "oldIndependentSupplier":null,
	            "permitablePowerConsumption":5,
	            "permitablePowerGeneration":null
	          },
	          {
	            "billingPeriod":"2022-01-01T00:00:00",
	            "generatingObjectType":null,
	            "tariffPlan":null,
	            "productCode":"NKTSTO",
	            "productName":"El. en. persiuntimas
	naktiniu, šeštadienio, sekmadienio tarifu",
	            "productType":"NK",
	            "consumptionCategory":"P+",
	            "consumptionAmount":755,
	            "unit":"kWh",
	            "oldIndependentSupplier":null,
	            "permitablePowerConsumption":5,
	            "permitablePowerGeneration":null
	          },
	          {
	            "billingPeriod":"2022-01-01T00:00:00",
	            "generatingObjectType":null,
	            "tariffPlan":null,
	            "productCode":"TS",
	            "productName":"Technologinės sąnaudos",
	            "productType":null,
	            "consumptionCategory":"P+",
	            "consumptionAmount":21,
	            "unit":"kWh",
	            "oldIndependentSupplier":null,
	            "permitablePowerConsumption":5,
		{
		        "contractType":"SKMS",
		        "consumerCode":"33333",
		        "personCode":"333333333",
		        "personName":"Įmonės pavadinimas",
		        "personSurname":null,
		        "objectId":3333331,
		        "objectNumber":"33333332",
		        "objectName":"NAMAS",
		        "objectTypeName":"Namas",
		        "objectAddress":"Adresas 6",
		        "autoMetersAmount":0,
		        "products":[
		          {
		            "generatingObjectType":null,
		            "billingPeriod":"2022-01-01T00:00:00",
		            "tariffPlan":null,
		            "productCode":"VNKSTO",
		            "productName":"El. en. persiuntimas
		vienos laiko zonos tarifu",
		            "productType":"VK",
		            "consumptionCategory":"P+",
		            "consumptionAmount":224,
		            "unit":"kWh",
		            "oldIndependentSupplier":null,
		            "permitablePowerConsumption":15,
		            "permitablePowerGeneration":null
		          }
		        ]
		      },
		      {
		        "contractType":"SKMS",
		        "consumerCode":"33333",
		        "personCode":"333333333",
		        "personName":"Įmonės pavadinimas",
		        "personSurname":null,
		        "objectId":3333332,
		        "objectNumber":"33333331",
		        "objectName":"1.6 SAVIVALDYBĖS
		BUTAS",
		        "objectTypeName":"Socialinės paskirties ir
		soc. rūpybos objektai",
		        "objectAddress":"Adresas 7",
		        "autoMetersAmount":0,
		        "products":[
		          {
		            "generatingObjectType":null,
		            "billingPeriod":"2022-01-01T00:00:00",
		            "tariffPlan":null,
		            "productCode":"VNKSTO",
		            "productName":"El. en. persiuntimas
		vienos laiko zonos tarifu",
		            "productType":"VK",
		            "consumptionCategory":"P+",
		            "consumptionAmount":0,
		            "unit":"kWh",
		            "oldIndependentSupplier":null,
		            "permitablePowerConsumption":3,
		            "permitablePowerGeneration":null
		          }

              "permitablePowerGeneration":null
            }
          ]
        },
        {
          "contractType":"SKMS",
          "consumerCode":"111111",
          "personCode":"11111111111",
          "personName":"Vardas",
          "personSurname":"Pavardė",
          "objectId":1111112,
          "objectNumber":"11111112",
          "objectName":"PATALPA",
          "objectTypeName":"Kitos paskirties patalpos",
          "objectAddress":"Adresas 2",
          "autoMetersAmount":0,
          "products":[
            {
              "billingPeriod":"2022-01-01T00:00:00",
              "generatingObjectType":null,
              "productCode":"VNKSTO",
              "productName":"El. en. persiuntimas
vienos laiko zonos tarifu",
              "productType":"VK",
              "consumptionCategory":"P+",
              "consumptionAmount":178,
              "unit":"kWh",
              "oldIndependentSupplier":null,
              "permitablePowerConsumption":5,
              "permitablePowerGeneration":null
            }
          ]
        }
      ]
    },
    {
      "vatInvoiceNumber":"00023956",
      "vatInvoiceSeries":"EASS",
      "objects":[
        {
          "contractType":"SKMS",
          "consumerCode":"222222",
          "personCode":"22222222222",
          "personName":"Vardas1",
          "personSurname":"Pavardė1",
          "objectId":2222221,
          "objectNumber":"22222221",
          "objectName":"Snadėlys",
          "objectTypeName":"Žemės ūkio paskirties
objektai",
          "objectAddress":"Adresas 3",
          "autoMetersAmount":0,
          "products":[
            {
              "generatingObjectType":null,
              "billingPeriod":"2022-01-01T00:00:00",
              "tariffPlan":null,
              "productCode":"D_MIN_APKRSTO",
              "productName":"El. en. persiuntimas dif.
min. apkrovų tarifu",
              "productType":"MI",
              "consumptionCategory":"P+",
              "consumptionAmount":0,
              "unit":"kWh",
              "oldIndependentSupplier":null,
              "permitablePowerConsumption":46,

            ]
          }
        ]
      },
      {
        "vatInvoiceNumber":"00000132",
        "vatInvoiceSeries":"EASS",
        "objects":[
          {
            "contractType":"SKMS",
            "consumerCode":"444444",
            "personCode":"444444444",
            "personName":"Įmonės pavadinimas 2",
            "personSurname":null,
            "objectId":4444444,
            "objectNumber":"44444444",
            "objectName":"GAMYBINĖS PATALPOS",
            "objectTypeName":"Gamybinės, pramoninės
paskirties objektai (arba statiniai)",
            "objectAddress":"Adresas 8",
            "autoMetersAmount":1,
            "products":[
              {
                "generatingObjectType":null,
                "billingPeriod":"2021-12-01T00:00:00",
                "tariffPlan":null,
                "productCode":"REAKT_VART",
                "productName":"Reaktyviosios el. en.
vartojimas",
                "productType":"RV",
                "consumptionCategory":"Q+",
                "consumptionAmount":-88282,
                "unit":"kVArh",
                "oldIndependentSupplier":null,
                "permitablePowerConsumption":172,
                "permitablePowerGeneration":null
              }
            ]
          }
        ]
      },
      {
        "vatInvoiceNumber":"00036340",
        "vatInvoiceSeries":"EASS",
        "objects":[
          {
            "contractType":"SKMS",
            "consumerCode":"444444",
            "personCode":"444444444",
            "personName":"Įmonės pavadinimas 2",
            "personSurname":null,
            "objectId":4444444,
            "objectNumber":"44444444",
            "objectName":"GAMYBINĖS PATALPOS",
            "objectTypeName":"Gamybinės, pramoninės
paskirties objektai (arba statiniai)",
            "objectAddress":"Adresas 8",
            "autoMetersAmount":1,
            "products":[
              {
                "generatingObjectType":null,
                "billingPeriod":"2022-01-01T00:00:00",
                "tariffPlan":null,
                "productCode":"D_MIN_APKRSTO",
                "productName":"El. en. persiuntimas dif.
min. apkrovų tarifu",

```
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"D_SVSTO",
        "productName":"El. en. persiuntimas dif.
šeštadienio, sekmadienio ir švenčių tarifu",
        "productType":"SV",
        "consumptionCategory":"P+",
        "consumptionAmount":0,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":46,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"D_VID_APKRSTO",
        "productName":"El. en. persiuntimas dif.
vid. apkrovų tarifu",
        "productType":"VD",
        "consumptionCategory":"P+",
        "consumptionAmount":0,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":46,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"MAKSSTO",
        "productName":"El. en. persiuntimas dif.
maksim. apkrovų tarifu",
        "productType":"MA",
        "consumptionCategory":"P+",
        "consumptionAmount":10,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":46,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"REAKT_GEN",
        "productName":"Reaktyviosios el. en.
generavimas",
        "productType":"RG",
        "consumptionCategory":"Q-",
        "consumptionAmount":1,
        "unit":"kVArh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":46,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
```

```
        "productType":"MI",
        "consumptionCategory":"P+",
        "consumptionAmount":9195,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":172,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"D_SVSTO",
        "productName":"El. en. persiuntimas dif.
šeštadienio, sekmadienio ir švenčių tarifu",
        "productType":"SV",
        "consumptionCategory":"P+",
        "consumptionAmount":6216,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":172,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"D_VID_APKRSTO",
        "productName":"El. en. persiuntimas dif.
vid. apkrovų tarifu",
        "productType":"VD",
        "consumptionCategory":"P+",
        "consumptionAmount":12908,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":172,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"MAKSSTO",
        "productName":"El. en. persiuntimas dif.
maksim. apkrovų tarifu",
        "productType":"MA",
        "consumptionCategory":"P+",
        "consumptionAmount":5889,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":172,
        "permitablePowerGeneration":null
      },
      {
        "generatingObjectType":null,
        "billingPeriod":"2022-01-01T00:00:00",
        "tariffPlan":null,
        "productCode":"REAKT_GEN",
        "productName":"Reaktyviosios el. en.
generavimas",
        "productType":"RG",
        "consumptionCategory":"Q-",
        "consumptionAmount":0,
        "unit":"kVArh",
        "oldIndependentSupplier":null,
        "permitablePowerConsumption":172,
```

          "productCode":"REAKT_VART",
          "productName":"Reaktyviosios el. en. vartojimas",
          "productType":"RV",
          "consumptionCategory":"Q+",
          "consumptionAmount":54,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "permitablePowerConsumption":46,
          "permitablePowerGeneration":null
        }
      ]
    },
    {
      "contractType":"SKMS",
      "consumerCode":"222222",
      "personCode":"22222222222",
      "personName":"Vardas1",
      "personSurname":"Pavardė1",
      "objectId":2222222,
      "objectNumber":"22222222",
      "objectName":"GYVENAMAS NAMAS",
      "objectTypeName":"Namas",
      "objectAddress":"Adresas 4",
      "autoMetersAmount":0,
      "products":[
        {
          "generatingObjectType":null,
          "billingPeriod":"2022-01-01T00:00:00",
          "tariffPlan":null,
          "productCode":"DIENINISSTO",
          "productName":"El. en. persiuntimas dieniniu tarifu",
          "productType":"DD",
          "consumptionCategory":"P+",
          "consumptionAmount":2734,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "permitablePowerConsumption":8,
          "permitablePowerGeneration":null
        },
        {
          "generatingObjectType":null,
          "billingPeriod":"2022-01-01T00:00:00",
          "tariffPlan":null,
          "productCode":"NKTSTO",
          "productName":"El. en. persiuntimas naktiniu, šeštadienio, sekmadienio tarifu",
          "productType":"NK",
          "consumptionCategory":"P+",
          "consumptionAmount":2877,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "permitablePowerConsumption":8,
          "permitablePowerGeneration":null
        }
      ]
    }
  ]
},
{
  "vatInvoiceNumber":"00006657",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",

          "permitablePowerGeneration":null
        },
        {
          "generatingObjectType":null,
          "billingPeriod":"2022-01-01T00:00:00",
          "tariffPlan":null,
          "productCode":"REAKT_VART",
          "productName":"Reaktyviosios el. en. vartojimas",
          "productType":"RV",
          "consumptionCategory":"Q+",
          "consumptionAmount":39653,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "permitablePowerConsumption":172,
          "permitablePowerGeneration":null
        }
      ]
    }
  ]
},
{
  "vatInvoiceNumber":"00000166",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"555555",
      "personCode":"55555555555",
      "personName":"Vardas",
      "personSurname":"Pavardė 2",
      "objectId":5555555,
      "objectNumber":"55555555",
      "objectName":"PIENO SURINKIMO PUNKTAS",
      "objectTypeName":"Paslaugų paskirties objektai",
      "objectAddress":"Adresas 9",
      "autoMetersAmount":0,
      "products":[
        {
          "generatingObjectType":null,
          "billingPeriod":"2021-12-01T00:00:00",
          "tariffPlan":null,
          "productCode":"VNKSTO",
          "productName":"El. en. persiuntimas vienos laiko zonos tarifu",
          "productType":"VK",
          "consumptionCategory":"P+",
          "consumptionAmount":-1898,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "permitablePowerConsumption":5,
          "permitablePowerGeneration":null
        }
      ]
    }
  ]
},
{
  "vatInvoiceNumber":"00007444",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"555555",

"consumerCode":"33333",
"personCode":"333333333",
"personName":"Įmonės pavadinimas",
"personSurname":null,
"objectId":3333333,
"objectNumber":"33333333",
"objectName":"PREKYBOS PATALPOS",
"objectTypeName":"Prekybos paskirties
objektai",
"objectAddress":"Adresas 5",
"autoMetersAmount":0,
"products":[
  {
    "generatingObjectType":null,
    "billingPeriod":"2022-01-01T00:00:00",
    "tariffPlan":null,
    "productCode":"TS",
    "productName":"Technologinės sąnaudos",
    "productType":null,
    "consumptionCategory":"P+",
    "consumptionAmount":9,
    "unit":"kWh",
    "oldIndependentSupplier":null,
    "permitablePowerConsumption":25,
    "permitablePowerGeneration":null
  },
  {
    "generatingObjectType":null,
    "billingPeriod":"2022-01-01T00:00:00",
    "tariffPlan":null,
    "productCode":"VNKSTO",
    "productName":"El. en. persiuntimas
vienos laiko zonos tarifu",
    "productType":"VK",
    "consumptionCategory":"P+",
    "consumptionAmount":1568,
    "unit":"kWh",
    "oldIndependentSupplier":null,
    "permitablePowerConsumption":25,
    "permitablePowerGeneration":null
  }
]
},

"personCode":"55555555555",
"personName":"Vardas",
"personSurname":"Pavardė 2",
"objectId":5555555,
"objectNumber":"55555555",
"objectName":"PIENO SURINKIMO
PUNKTAS",
"objectTypeName":"Paslaugų paskirties
objektai",
"objectAddress":"Adresas 9",
"autoMetersAmount":0,
"products":[
  {
    "generatingObjectType":null,
    "billingPeriod":"2022-01-01T00:00:00",
    "tariffPlan":null,
    "productCode":"VNKSTO",
    "productName":"El. en. persiuntimas
vienos laiko zonos tarifu",
    "productType":"VK",
    "consumptionCategory":"P+",
    "consumptionAmount":686,
    "unit":"kWh",
    "oldIndependentSupplier":null,
    "permitablePowerConsumption":5,
    "permitablePowerGeneration":null
  }
]
}
]
}
]

Possible request 2	Possible response data 2	Possible response data 2 (continuation)

{
  "orderId":
"100002"
}
	[
	  {
	    "vatInvoiceNumber":"00030065",
	    "vatInvoiceSeries":"EASS",
	    "objects":[
	      {
	        "contractType":"SKMS",
	        "consumerCode":"666666",
	        "personCode":"66666666",
	        "personName":"Įmonės pavadinimas 3",
	        "personSurname":null,
	        "objectNumber":"66666666",
	        "objectName":"LENTPJŪVĖ",
	        "objectTypeName":"Saulės elektrinė savoms
	reikmėms",
	        "objectAddress":"Adresas 10",
	        "autoMetersAmount":1,
	        "products":[
	          {
		{
		            "billingPeriod":"2022-01-01T00:00:00",
		            "productCode":"D_VID_APKRSTO",
		            "productName":"El. en. persiuntimas dif.
		vid. apkrovų tarifu",
		            "productType":"VD",
		            "consumptionCategory":"P+",
		            "consumptionAmount":327.0,
		            "unit":"kWh",
		            "oldIndependentSupplier":null,
		            "generatingObjectType":"G",
		            "permitablePowerConsumption":40.0,
		            "permitablePowerGeneration":29.63
		          },
		          {
		            "billingPeriod":"2022-01-01T00:00:00",
		            "productCode":"MAAAGAMAP",
		            "productName":"El. energijos atgautas
		kiekis dif. maksim. apkrovų tarifu",

"billingPeriod":"2022-01-01T00:00:00",
"productCode":"VNKGEN",
"productName":"El. energijos pateiktas kiekis",
"productType":"VK",
"consumptionCategory":"P-",
"consumptionAmount":397.0,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":130.0,
"permitablePowerGeneration":85.4
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"VNKS",
"productName":"Sukauptos el. energijos kiekis laikotarpio pabaigai",
"productType":"VK",
"consumptionCategory":"P-",
"consumptionAmount":0.0,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":130.0,
"permitablePowerGeneration":85.4
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"VNKS",
"productName":"Sukauptos el. energijos kiekis laikotarpio pradžiai",
"productType":"VK",
"consumptionCategory":"P-",
"consumptionAmount":0.0,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":130.0,
"permitablePowerGeneration":85.4
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MAAAGAMAP",
"productName":"El. energijos atgautas kiekis dif. maksim. apkrovų tarifu",
"productType":"MA",
"consumptionCategory":"P-",
"consumptionAmount":115.01,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":130.0,
"permitablePowerGeneration":85.4
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MATSTO",
"productName":"El. energijos trūkstamas kiekis dif. maksim. apkrovų tarifu (persiuntimas)",
"productType":"MA",
"consumptionCategory":"P+",
"consumptionAmount":3119.99,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",

"productType":"MA",
"consumptionCategory":"P-",
"consumptionAmount":1.57,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":40.0,
"permitablePowerGeneration":29.63
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MAKSSTO",
"productName":"El. en. persiuntimas dif. maksim. apkrovų tarifu",
"productType":"MA",
"consumptionCategory":"P+",
"consumptionAmount":160.0,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":40.0,
"permitablePowerGeneration":29.63
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MATSTO",
"productName":"El. energijos trūkstamas kiekis dif. maksim. apkrovų tarifu (persiuntimas)",
"productType":"MA",
"consumptionCategory":"P+",
"consumptionAmount":1393.43,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":40.0,
"permitablePowerGeneration":29.63
},{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MIAAGAMAP",
"productName":"El. energijos atgautas kiekis dif. min. apkrovų tarifu",
"productType":"MI",
"consumptionCategory":"P-",
"consumptionAmount":3.69,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":40.0,
"permitablePowerGeneration":29.63
},
{
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MITSTO",
"productName":"El. energijos trūkstamas kiekis dif. min. apkrovų tarifu (persiuntimas)",
"productType":"MI",
"consumptionCategory":"P+",
"consumptionAmount":3272.31,
"unit":"kWh",
"oldIndependentSupplier":null,
"generatingObjectType":"G",
"permitablePowerConsumption":40.0,
"permitablePowerGeneration":29.63
},
{
"billingPeriod":"2022-01-01T00:00:00",

          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"MIAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. min. apkrovų tarifu",
          "productType":"MI",
          "consumptionCategory":"P-",
          "consumptionAmount":40.81,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"MITSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. min. apkrovų tarifu (persiuntimas)",
          "productType":"MI",
          "consumptionCategory":"P+",
          "consumptionAmount":1107.19,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"REAKT_GEN",
          "productName":"Reaktyviosios el. en.
generavimas",
          "productType":"RG",
          "consumptionCategory":"Q-",
          "consumptionAmount":68.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"REAKT_VART",
          "productName":"Reaktyviosios el. en.
vartojimas",
          "productType":"RV",
          "consumptionCategory":"Q+",
          "consumptionAmount":13673.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. šeštadienio, sekmadienio ir švenčių tarifu",
          "productType":"SV",
          "consumptionCategory":"P-",

          "productCode":"REAKT_GEN",
          "productName":"Reaktyviosios el. en.
generavimas",
          "productType":"RG",
          "consumptionCategory":"Q-",
          "consumptionAmount":247.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"REAKT_VART",
          "productName":"Reaktyviosios el. en.
vartojimas",
          "productType":"RV",
          "consumptionCategory":"Q+",
          "consumptionAmount":1720.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. šeštadienio, sekmadienio ir švenčių tarifu",
          "productType":"SV",
          "consumptionCategory":"P-",
          "consumptionAmount":2.05,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVTSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. švenčių ir savaitgalio tarifu (persiuntimas)",
          "productType":"SV",
          "consumptionCategory":"P+",
          "consumptionAmount":1819.95,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"TS",
          "productName":"Technologinės
sąnaudos",
          "productType":null,
          "consumptionCategory":"P+",
          "consumptionAmount":51.0,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,

          "consumptionAmount":30.54,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVTSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. švenčių ir savaitgalio tarifu (persiuntimas)",
          "productType":"SV",
          "consumptionCategory":"P+",
          "consumptionAmount":828.46,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VDAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. vid. apkrovų tarifu",
          "productType":"VD",
          "consumptionCategory":"P-",
          "consumptionAmount":210.64,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VDTSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. vid. apkrovų tarifu (persiuntimas)",
          "productType":"VD",
          "consumptionCategory":"P+",
          "consumptionAmount":5714.36,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":130.0,
          "permitablePowerGeneration":85.4
        }
      ],
      "objectId":666661
    }
  ]
},
{
  "vatInvoiceNumber":"00027697",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"777777",
      "personCode":"7777777777",
      "personName":"Įmonės pavadinimas 4",
      "personSurname":null,
      "objectNumber":"11000802",

          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VDAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. vid. apkrovų tarifu",
          "productType":"VD",
          "consumptionCategory":"P-",
          "consumptionAmount":3.69,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VDTSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. vid. apkrovų tarifu (persiuntimas)",
          "productType":"VD",
          "consumptionCategory":"P+",
          "consumptionAmount":3279.31,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        }
      ],
      "objectId":888881
    }
  ]
},
{
  "vatInvoiceNumber":"00459327",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"999999",
      "personCode":"999999999",
      "personName":"Įmonės pavadinimas 6",
      "personSurname":null,
      "objectNumber":"99999999",
      "objectName":"GAMYBINIS PASTATAS",
      "objectTypeName":"Namas",
      "objectAddress":"Adresas 13",
      "autoMetersAmount":1,
      "products":[
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VNKGEN",
          "productName":"El. energijos pateiktas
kiekis",
          "productType":"VK",
          "consumptionCategory":"P-",
          "consumptionAmount":1566.09,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {

        "objectName":"Administracinės paskirties patalpos",
        "objectTypeName":"Administracinės paskirties patalpos",
        "objectAddress":"Adresas 11",
        "autoMetersAmount":1,
        "products":[
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKGEN",
            "productName":"El. energijos pateiktas kiekis",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":192.14,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":23.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKS",
            "productName":"Sukauptos el. energijos kiekis laikotarpio pabaigai",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":3730.11,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":23.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKS",
            "productName":"Sukauptos el. energijos kiekis laikotarpio pradžiai",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":6231.97,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":23.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKAAGAMAP",
            "productName":"El. energijos atgautas kiekis vienos laiko zonos tarifu",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":2694.0,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":23.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKTSTO",

            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKS",
            "productName":"Sukauptos el. energijos kiekis laikotarpio pabaigai",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":0.0,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":90.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"VNKS",
            "productName":"Sukauptos el. energijos kiekis laikotarpio pradžiai",
            "productType":"VK",
            "consumptionCategory":"P-",
            "consumptionAmount":0.0,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":90.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"MAAAGAMAP",
            "productName":"El. energijos atgautas kiekis dif. maksim. apkrovų tarifu",
            "productType":"MA",
            "consumptionCategory":"P-",
            "consumptionAmount":444.72,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":90.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"MATSTO",
            "productName":"El. energijos trūkstamas kiekis dif. maksim. apkrovų tarifu (persiuntimas)",
            "productType":"MA",
            "consumptionCategory":"P+",
            "consumptionAmount":2669.28,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",
            "permitablePowerConsumption":90.0,
            "permitablePowerGeneration":null
          },
          {
            "billingPeriod":"2022-01-01T00:00:00",
            "productCode":"MIAAGAMAP",
            "productName":"El. energijos atgautas kiekis dif. min. apkrovų tarifu",
            "productType":"MI",
            "consumptionCategory":"P-",
            "consumptionAmount":395.88,
            "unit":"kWh",
            "oldIndependentSupplier":null,
            "generatingObjectType":"N",

          "productName":"El. energijos trūkstamas
kiekis vienos laiko zonos tarifu (persiuntimas)",
          "productType":"VK",
          "consumptionCategory":"P+",
          "consumptionAmount":0.0,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":23.0,
          "permitablePowerGeneration":null
        }
      ],
      "objectId":777771
    }
  ]
},
{
  "vatInvoiceNumber":"00031943",
  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"888888",
      "personCode":"888888888",
      "personName":"Įmonės pavadinimas 5",
      "personSurname":null,
      "objectNumber":"88888888",
      "objectName":"DEGALINĖ",
      "objectTypeName":"Prekybos paskirties
objektai",
      "objectAddress":"Adresas 12",
      "autoMetersAmount":1,
      "products":[
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VNKGEN",
          "productName":"El. energijos pateiktas
kiekis",
          "productType":"VK",
          "consumptionCategory":"P-",
          "consumptionAmount":11.0,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VNKS",
          "productName":"Sukauptos el. energijos
kiekis laikotarpio pabaigai",
          "productType":"VK",
          "consumptionCategory":"P-",
          "consumptionAmount":0.0,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"G",
          "permitablePowerConsumption":40.0,
          "permitablePowerGeneration":29.63
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"VNKS",
          "productName":"Sukauptos el. energijos
kiekis laikotarpio pradžiai",

          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"MITSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. min. apkrovų tarifu (persiuntimas)",
          "productType":"MI",
          "consumptionCategory":"P+",
          "consumptionAmount":2376.12,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"REAKT_GEN",
          "productName":"Reaktyviosios el. en.
generavimas",
          "productType":"RG",
          "consumptionCategory":"Q-",
          "consumptionAmount":0.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"REAKT_VART",
          "productName":"Reaktyviosios el. en.
vartojimas",
          "productType":"RV",
          "consumptionCategory":"Q+",
          "consumptionAmount":6577.0,
          "unit":"kVArh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVAAGAMAP",
          "productName":"El. energijos atgautas
kiekis dif. šeštadienio, sekmadienio ir švenčių tarifu",
          "productType":"SV",
          "consumptionCategory":"P-",
          "consumptionAmount":194.23,
          "unit":"kWh",
          "oldIndependentSupplier":null,
          "generatingObjectType":"N",
          "permitablePowerConsumption":90.0,
          "permitablePowerGeneration":null
        },
        {
          "billingPeriod":"2022-01-01T00:00:00",
          "productCode":"SVTSTO",
          "productName":"El. energijos trūkstamas
kiekis dif. švenčių ir savaitgalio tarifu (persiuntimas)",
          "productType":"SV",
          "consumptionCategory":"P+",

                "productType":"VK",   "consumptionAmount":1165.77,
                "consumptionCategory":"P-",   "unit":"kWh",
                "consumptionAmount":0.0,   "oldIndependentSupplier":null,
                "unit":"kWh",   "generatingObjectType":"N",
                "oldIndependentSupplier":null,   "permitablePowerConsumption":90.0,
                "generatingObjectType":"G",   "permitablePowerGeneration":null
                "permitablePowerConsumption":40.0,   },
                "permitablePowerGeneration":29.63   {
            },   "billingPeriod":"2022-01-01T00:00:00",
            {   "productCode":"VDAAGAMAP",
                "billingPeriod":"2022-01-01T00:00:00",   "productName":"El. energijos atgautas
                "productCode":"D_MIN_APKRSTO",   kiekis dif. vid. apkrovų tarifu",
                "productName":"El. en. persiuntimas dif.   "productType":"VD",
min. apkrovų tarifu",   "consumptionCategory":"P-",
                "productType":"MI",   "consumptionAmount":531.26,
                "consumptionCategory":"P+",   "unit":"kWh",
                "consumptionAmount":595.0,   "oldIndependentSupplier":null,
                "unit":"kWh",   "generatingObjectType":"N",
                "oldIndependentSupplier":null,   "permitablePowerConsumption":90.0,
                "generatingObjectType":"G",   "permitablePowerGeneration":null
                "permitablePowerConsumption":40.0,   },
                "permitablePowerGeneration":29.63   {
            },   "billingPeriod":"2022-01-01T00:00:00",
            {   "productCode":"VDTSTO",
                "billingPeriod":"2022-01-01T00:00:00",   "productName":"El. energijos trūkstamas
                "productCode":"D_SVSTO",   kiekis dif. vid. apkrovų tarifu (persiuntimas)",
                "productName":"El. en. persiuntimas dif.   "productType":"VD",
šeštadienio, sekmadienio ir švenčių tarifu",   "consumptionCategory":"P+",
                "productType":"SV",   "consumptionAmount":3188.74,
                "consumptionCategory":"P+",   "unit":"kWh",
                "consumptionAmount":520.0,   "oldIndependentSupplier":null,
                "unit":"kWh",   "generatingObjectType":"N",
                "oldIndependentSupplier":null,   "permitablePowerConsumption":90.0,
                "generatingObjectType":"G",   "permitablePowerGeneration":null
                "permitablePowerConsumption":40.0,   }
                "permitablePowerGeneration":29.63   ],
            },   "objectId":9999999
                                                               }
                                                           ]
                                                       }
                                                   ]

5.11.8 Method GET/gateway/order/{orderId}/count

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

5.12 Notification cancellation controller

5.12.1 POST /gateway/notification/cancellation/list

Resource description	
Definition	The method is designed to obtain notification cancelation request for NTK
Detailed description of method in API documentation (ENG)	POST /gateway/notification/cancellation/list?first={integer}&count={integer}&sortOrder={ASC/DSC}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "notificationId":10000001,
  "cancelledNotificationId": null,
 "cancelledNotificationType":[
    "NTK"
  ],
  "objectNumber": null,
  "objectAddressSearch": null,
	[
	  {
	    "notificationId":10000001,
	    "cancelledNotificationId":100010,
	    "cancelledNotificationType":"NTK",
	    "cancelledFullNotification": true,
	    "userName":"PUBLIC",
	    "submittedDate":"2022-07-19T12:08:15.906",

```
 "submittedDateFrom": null,                          "latestStatus":"P",
 "submittedDateTo": null,                             "errorType":null,
 "status":[                                           "objects":[
    "P"                                                 {
 ],                                                        "objectNumber":"88888866",
 "userNameSearch":null                                     "objectAddress":"Vilnelės g. 1, Kaunas"
}                                                       }
                                                     ],
                                                     "notificationStatus":[
                                                       {
                                                          "status":"P",
                                                          "statusDate":"2022-07-19T12:08:15.906"
                                                       }
                                                     ]
                                                   }
                                                 ]
```

5.12.2 POST /gateway/notification/cancellation

Resource description	
Definition	The method is designed to transfer cancelation request to DataHub for NTK
Detailed description of method in API documentation (ENG)	POST /gateway/notification/cancellation
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
```{ "cancelledNotificationId": 100010, "cancelledNotificationType": "NTK", "consentSign": true, "objectNumbers": ["88888866"]}```	```{ "notificationId": [id kuriasi vis nauji]}```

5.12.3 POST /gateway/notification/{notificationId}/cancellation/cancel

Resource description	
Definition	The method is designed to cancel cancelation request
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/cancellation/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
notificationId (URL parameter) : 10000001	If the request is successful, an **HTTP 201 Created** message is returned.

5.13 Notification contract object supply state controller

5.13.1 POST /gateway/notification/contract/object/supply-state/list

Resource description	
Definition	The method is to obtain a list of object's disconnection/connection.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/object/supply-state/list?first={integer}&count={integer}&sortOrder={ASC/DSC}
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "notificationId": null,
  "personCode": null,
  "consumerCode": null,
  "objectNumber":"11111111",
  "objectAddressSearch": null,
  "changeType":[
    "D"
  ],
  "status":[
    "IV"
  ],
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "contractType": null,
  "contractModel": null,
  "userNameSearch": null
}
	[
	  {
	    "notificationId":10000001,
	    "changeType":"D",
	    "notes":null,
	    "submittedDate":"2022-07-01T10:00:00",
	    "latestStatus":"IV",
	    "errorType":null,
	    "userName":"Naudotojo vardas",
	    "currentObjectData":{
	      "objectNumber":"11111111",
	      "objectAddress":"Vilniaus g. 1, Vilnius",
	      "personName":"Vardas1",
	      "personSurname":"Pavardė1",
	      "personCode":"********111",
	      "consumerCode":"11111111",
	      "contractType":"SBTS",
	      "contractModel":"BSS",
	      "objectSupplyState":"T",
	      "objectSupplyStateValidFrom":"1990-01-01",

```
          "objectSupplyStateValidTo":null,
          "sociallyVulnerable":false
        },
        "supplyStateNotificationStatus":[
         {
          "status":"IV",
          "statusDate":"2022-07-15T10:00:00"
         },
         {
          "status":"V",
          "statusDate":"2022-07-01T09:59:00"
         },
         {
          "status":"I",
          "statusDate":"2022-07-01T09:58:00"
         },
         {
          "status":"P",
          "statusDate":"2022-07-01T08:58:00"
         }
        ]
       }
      ]
```

Possible request 2	Possible response data 2

`{`
`  "notificationId": null,`
`  "personCode": null,`
`  "consumerCode": "12121212",`
`  "objectNumber": null,`
`  "objectAddressSearch": null,`
`  "changeType":[`
`    "C"`
`  ],`
`  "status":null,`
`  "submittedDateFrom": null,`
`  "submittedDateTo": null,`
`  "contractType": null,`
`  "contractModel": null,`
`  "userNameSearch": null`
`}`
	`[`
	` {`
	`  "notificationId":10000002,`
	`  "changeType":"C",`
	`  "notes":null,`
	`  "submittedDate":"2022-07-01T10:00:00",`
	`  "latestStatus":"IV",`
	`  "errorType":null,`
	`  "userName":"Naudotojo vardas1",`
	`  "currentObjectData":{`
	`   "objectNumber":"98765432",`
	`   "objectAddress":"Kauno g. 1, Kaunas",`
	`   "personName":"Vardas",`
	`   "personSurname":"Pavardė",`
	`   "personCode":"********910",`
	`   "consumerCode":"12121212",`
	`   "contractType":"SBTS",`
	`   "contractModel":"BSS",`
	`   "objectSupplyState":"P",`
	`   "objectSupplyStateValidFrom":"2021-01-01",`

```json
      "objectSupplyStateValidTo":null,
      "sociallyVulnerable":false
    },
    "supplyStateNotificationStatus":[
     {
      "status":"IV",
      "statusDate":"2022-07-15T10:00:00"
     },
     {
      "status":"V",
      "statusDate":"2022-07-01T09:59:00"
     },
     {
      "status":"I",
      "statusDate":"2022-07-01T09:58:00"
     },
     {
      "status":"P",
      "statusDate":"2022-07-01T08:58:00"
     }
    ]
   },
   {
    "notificationId":10000003,
    "changeType":"C",
    "notes":null,
    "submittedDate":"2022-07-01T10:00:00",
    "latestStatus":"P",
    "errorType":null,
    "userName":"Naudotojo vardas1",
    "currentObjectData":{
     "objectNumber":"14725836",
     "objectAddress":"Kauno g. 2, Kaunas",
     "personName":"Vardas",
     "personSurname":"Pavardė",
     "personCode":"********111",
     "consumerCode":"12121212",
     "contractType":"SBTS",
     "contractModel":"BSS",
     "objectSupplyState":"T",
     "objectSupplyStateValidFrom":"2022-01-01",
     "objectSupplyStateValidTo":null,
     "sociallyVulnerable":false
    },
    "supplyStateNotificationStatus":[
```

```
      {
        "status":"P",
        "statusDate":"2022-07-01T08:58:00"
      }
    ]
  }
]
```

5.13.2 POST /gateway/notification/contract/object/supply-state

Resource description	
Definition	The method is for independent supplier to transfer object's disconnection/connection (supply state change) to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/object/supply-state
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1

{
  "changeType":"D",
  "notes": null,
  "consentSign": true,
  "objectNumber":"88888866"
}
	{
	  "notificationId": [id kuriasi vis nauji]
	}

Possible request 2	**Possible response data 2**

{
  "changeType":"DD",
  "notes":"Atjungimas dėl skolos",
  "consentSign": true,
  "objectNumber":"11111111"
}
	{
	  "notificationId": [id kuriasi vis nauji]
	}

5.13.3 POST /gateway/notification/{notificationId}/contract/object/supply-state/cancel

Resource description	
Definition	The method is to cancel the disconnection/connection notification.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/{notificationId}/contract/object/supply-state/cancel
Request URL	https://dh-sandbox-api-v2.eso.lt/swagger-ui.html

Possible request 1	Possible response data 1
notificationId (URL parameter) : 10000003	If the request is successful, an **HTTP 201 Created** message is returned.

5.14 Access rights controller - old

5.14.1 Method data-access-rights

Resource description	
Definition	The supplier can grant rights by his self to access clients historical data if has client agreement. Using this API method, the vendor grants itself the right to access the historical data of the client objects on behalf of the customer. Once the rights have been granted, the supplier can download the customer's historical data for a certain period of time and, on that basis, offer the customer a contract.
Detailed description of method in API documentation (ENG)	POST /client/data-access-rights (new)
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

Note: first client is a company, second is household.

Possible Request for method

No.	objectNumber	customerId	expires	contactEmail	contactPhone	contactNotes	clientPermission
1	60000	22222	2021-08-20	company@domain.com	+37051 23456	Contact me by phone.	I confirm that the consent of the specified person / company to receive and process personal / company data has been obtained (person's name, surname / company name, person / company code, address, contact details, facility and electricity consumption data).
2	40000	798765432 10	2020-11-01	Vardenis Pavardenis4@gmail.com	+37066 699999	Test Note	I confirm that the consent of the specified person / company to receive and process personal / company data has been obtained (person's name, surname / company name, person / company code, address, contact details, facility and electricity consumption data).

Possible Response for method	
1	If the request is successful, an **HTTP 201 Created** message is returned
2	if the request is not successful, one of the error will occur.

5.14.2 Method granted-objects

Resource description	
Definition	The supplier can get a list of all customers who have granted the rights to the objects.
Detailed description of method in API documentation (ENG)	GET /client/granted-objects?first={integer}&count={integer}&sort={ASC/DSC} (new)
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

Possible Request for granted objects method		
first	**count**	**sort**
0	2	DSC

Possible Response data /gateway/notification/contract												
customerId	objectNumber	objectAddress	automationLevel	clientName	expires	contactEmail	contactPhone	contactNotes	downloadDate	source	issueDate
11111	40000	Lygumų g. 44-4, Didžioji Riešė, Riešės sen., 44444 Vilniaus r. sav.	1	Vardenis Pavardenis4	2020-11-01	Vardenis@gmail.com	+37066699999	Test Note	2020-10-01	ESO-S	2020-10-01
22222	60000	Plytinės g. 8B, Bajorai, Vilnius., 3000 Vilniaus m. sav.	3	AB Company	2021-08-20	company@domain.com	+3705123456	Contact me by phone	2020-08-05	DH	2020-08-01

5.14.3 Method data-access-rights/delete

Resource description	
Definition	The supplier may remove the rights granted to him. He granted the rights himself with the client's permission, or the rights were granted to him by the client through ESO-S. The supplier can remove remove on rights which was granted by himself.
Detailed description of method in API documentation (ENG)	POST /client/data-access-rights/delete (new)
Request URL	https://dh-sandbox-api.eso.lt/swagger-ui.html

Possible Request for method		
No.	customerId	objectNumber
1	22222	60000
2	11111	
3	11111	60000

Note: if You try to send first request You will get response 204. If You post second request You will get second error, if You post third request, You will get first error.