

## API documentation (sandbox)

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# 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: <ul style="list-style-type: none"><li>GET /gateway/supplier/v3/get-declaration-data?first={integer}&amp;count={integer}&amp;customerId={string}&amp;objectNumber={string}</li></ul>
1.2	2021-05-10	(will be deployed in next sprint) Rename "contractType" to "contractModel" and added new json fields: "clientName", "contractType", "currentSupplierType" in: <ul style="list-style-type: none"><li><del>Method client objects information</del></li></ul>
1.3	2021-09-02	(will be deployed in next sprint) Added contract data controller.

Version	Date	Description
1.4	2021-09-20	(will be deployed in next sprint) Added contract termination data 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 (contract termination data controller, supplier change notification v2 controller).
1.7	2021-10-27	Added new json fields: "noCoowner", "ntGetCoownerConsent", "coownerConsentDate" in: <ul style="list-style-type: none"> <li>• Method contract-termination-details (possible response data)</li> <li>• Method contract-termination-notification (possible request)</li> </ul>
1.8	2021-11-29	The structure of the sample data has been changed to json format: <ul style="list-style-type: none"> <li>• contract change notification controller</li> </ul>
1.9	2021-12-14	Added the new contract object controller
2.0	2021-12-14	Added the new tariff plan change notification controller
2.1	2021-12-22	Added the new contract list controller

Version	Date	Description
2.2	2021-12-22	Added the new contact change notification controller
2.3	2021-12-22	Added the new order controller
2.4	2022-01-24	<ul style="list-style-type: none"> <li>Added the new sandbox method: „POST /gateway/object/all/active/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}“</li> <li>Changed the controller name from “Contract object controller” into “Object controller”</li> <li>Changed url from “POST /gateway/contract-object/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}” into “POST /gateway/object/my/active/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}”</li> </ul>
2.5	2022-01-24	<p>Changed „Tariff plan change notification controller“ into „Notification contract tariff plan controller“</p> <p>Changed URL in the Notification contract tariff plan controller:</p> <ul style="list-style-type: none"> <li>POST /gateway/notification/contract/tariff-plan/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}</li> <li>POST /gateway/notification/contract/tariff-plan</li> <li>POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel</li> </ul> <p>Changed „Contact change notification controller“ into „Notification contract contact controller“</p>

Version	Date	Description
		<p>Changed URL in the Notification contract contact controller:</p> <ul style="list-style-type: none"> <li>• POST /gateway/notification/contract/contact/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}</li> <li>• POST /gateway/notification/contract/contact</li> <li>• POST /gateway/notification/{notificationId}/contract/contact/cancel</li> </ul>
2.6	2022-01-24	<p>Changed „Contract termination notification controller“ into „Notification contract termination controller“.</p> <p>Changed URL in the Notification contract termination controller:</p> <ul style="list-style-type: none"> <li>• POST /gateway/notification/contract/termination/list?first={integer}&amp;count={integer}&amp;sortOrder={ASC/DSC}</li> <li>• POST /gateway/notification/contract/termination</li> <li>• POST /gateway/notification/{notificationId}/contract/termination/cancel</li> </ul>
2.7	2022-01-24	<p>Added new controller “Notification contract controller”.</p> <ul style="list-style-type: none"> <li>▪ Methods in this controller are very similar to method in controller „Contract change notification controller“.</li> <li>▪ Note: The controller “Contract change notification controller” and its methods will be eliminated after “Notification contract controller” implementation date + 6 months.</li> </ul>
2.8	2022-01-28	<p>Removed controller and its methods “Supplier change notification v2 controller”.</p> <p>It has not yet been implemented, only a change in the documentation.</p>



Version	Date	Description
2.9	2022-01-31	<p>Added errorType in method:</p> <ul style="list-style-type: none"> <li>• POST /gateway/notification/contract/termination/list?first={integer}&amp;count={integer}&amp;sortOrder={ASC/DSC}</li> </ul>
3.0	2022-01-31	<p>Added errorType in method:</p> <ul style="list-style-type: none"> <li>• POST /gateway/notification/contract/list?first={integer}&amp;count={integer}&amp;sortOrder={ASC/DSC}</li> </ul>
3.1	2022-03-09	<p>Added method:</p> <ul style="list-style-type: none"> <li>• POST /gateway/declaration/reading/list</li> </ul>
3.2	2022-03-09	<p>Prepared methods for 2s2s report:</p> <ul style="list-style-type: none"> <li>• Method POST/gateway/order/list</li> <li>• Method POST/gateway/order/{orderShortName}</li> <li>• Method GET/gateway/order/{orderId}/2s2s</li> <li>• Method GET/gateway/order/{orderId}/{orderShortName}/count</li> </ul>
3.3	2022-03-14	<p>Prepared methods for 2s2s report:</p> <ul style="list-style-type: none"> <li>• Method POST/gateway/order/list</li> <li>• Method POST/gateway/order/{orderShortName}</li> <li>• Method GET/gateway/order/{orderId}/2s2s</li> </ul>
3.4	2022-03-23	<p>Prepared a few methods for hr-object and hr-meter reports:</p> <ul style="list-style-type: none"> <li>• POST/gateway/order/{hrOrderShortName};</li> <li>• POST/gateway/order/list</li> </ul>

Version	Date	Description
3.5	2022-04-12	<p>Prepared methods for report-obj:</p> <ul style="list-style-type: none"> <li>• GET/gateway/order/{orderId}/report – obj</li> <li>• POST/gateway/order/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC} – request 5, response 5</li> <li>• POST/gateway/order/{orderShortName} – request 2, response 2</li> </ul>
3.6	2022-04-22	<p>Deleted method for Data orders controller:</p> <ul style="list-style-type: none"> <li>• Method data-orders</li> </ul> <p>Deleted methods for Report controller:</p> <ul style="list-style-type: none"> <li>• Method accounting-data-pack-b2b</li> <li>• Method accounting-data-pack-b2b-count</li> </ul>
3.7	2022-04-27	<p>Added a new possible request (when „changeType“=“NTK“, contractType="SBTS" or contractType="SKMS") in the method {POST /gateway/notification/contract/list }.</p>
3.8.	2022-04-28	<p>Added a new possible request (when „changeType“=“NTK“, contractType="SBTS" or contractType="SKMS") in the method {POST /gateway/notification/contract}.</p>
3.9.	2022-06-03	<p>Added new attributes about representative in methods:</p> <ul style="list-style-type: none"> <li>• POST /gateway/notification/contract/list?first={integer}&amp;count={integer}&amp;sortOrder={ASC/DSC}</li> <li>• POST /gateway/notification/contract</li> </ul>

Version	Date	Description
4.0	2022-06-28	<p>Removed sandbox:</p> <ul style="list-style-type: none"> <li>GET /gateway/supplier/v2/get-declaration-data?first={integer}&amp;count={integer}&amp;customerId={string}&amp;objectNumber={string}</li> </ul> <p>Removed sandbox from „Supplier change notification controller“.</p> <ul style="list-style-type: none"> <li>POST /supplier/v2/supplier-change-notifications (new)</li> <li>POST /supplier/cancel-supplier-change-notification</li> <li>POST /supplier/client/client-objects-information (new)</li> </ul> <p>Prepared methods for access right controller (new)</p> <ul style="list-style-type: none"> <li>POST /gateway/access-right/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}</li> <li>POST /gateway/access-right</li> <li>POST /gateway/access-right/{accessRightId}/cancel</li> </ul>
4.1	2022-07-20	<p>Added sandbox: Notification cancellation controller</p> <p>Added sandbox: Notification contract object supply state controller</p> <p>Added a new possible request in the method {Method POST /gateway/object/my/active/}</p>
4.2	2022-08-25	<p>Edited possible request 7 in method:</p> <p>POST /gateway/notification/contract</p> <p>Changes - payoffmethod meaning changed to null.</p>
4.3	2022-08-26	<p>Added new possible request 8 in method:</p> <p>POST /gateway/notification/contract</p>

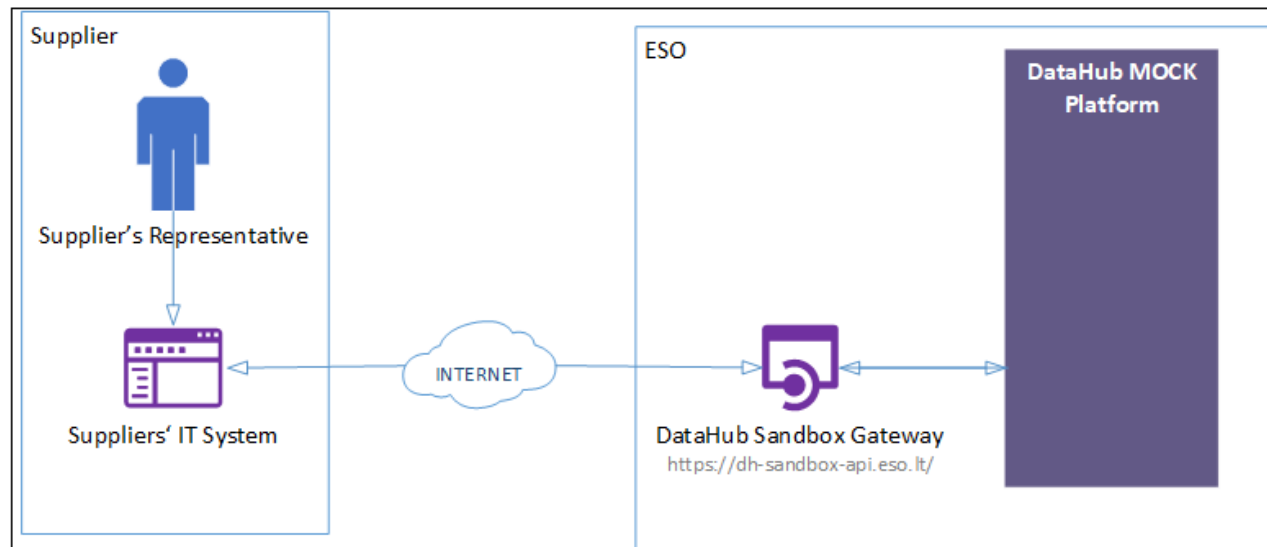
## 2. Preface

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

DataHub Sandbox environment made of Mock API Gateway with mock requests and responses (scenarios). There are no connection to database or any data source, all possible requests and answers are hard-coded into mock API source code and has no any data selection logic or rules. This data is real depersonalized data from DSO customers. Sandbox requests and responses scenarios will be provided in additional document and it should be used just for preparation to integrate with DataHub production API environment or testing purposes.

Environment	Link	Swagger Link	WEB Interface
Sandbox	<a href="https://dh-sandbox-api.eso.lt">https://dh-sandbox-api.eso.lt</a>	<a href="https://dh-sandbox-api.eso.lt/swagger-ui.html">https://dh-sandbox-api.eso.lt/swagger-ui.html</a>	-

## 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. Mocking scenarios

### 5.1 Supplier change notification

If Supplier would like to send supplier change notification, its need to know all customer data (like object numbers, personal code or customer code, etc.). To get client data supplier can call method "*supplier/client/client-objects-information*", for example provide clientId: 89876543210 (see possible request and response data no.3) and will get response list of this client object numbers and its information. This method response data can be used in "*/supplier/v2/supplier-change-notifications*" method (see possible request data) to send message to DSO, that supplier has signed agreement with mentioned client.

Supplier change notification can be canceled in one hour. In our scenario we say, that this message is "fresh" and still 1 hour did not pass, so message still can be canceled. If supplier call *"/supplier/cancel-supplier-change-notifications"* and provide message ID number which was provided with *"/supplier/client/client-objects-information"* response, when message will be canceled and DSO will not register this agreement.

## 5.2 Client object information

If supplier don't know all required client data for supplier change notification or other purposes, supplier can call method *"/supplier/client/client-objects-information"* and provide one of the parameters which is known: *"clientId"*, *"customerId"* or *"objectNumber"*. The response will provide all object information like object numbers, addresses, client personal or company codes and so on. Please see possible requests and response data examples near method description below.

## 5.3 Access rights controller

Access rights controller methods can be used by supplier to provide access rights for client objects for historical data download. In this controller there is 3 methods and possible request and response data:

- *POST "/client/data-access-rights"* - method to provide access rights for client objects if supplier has client agreement;
- *GET "/client/granted-objects"* - method will return a list with all access rights which was provided to the supplier by the supplier it self or by the client;
- *POST "/client/data-access-rights/delete"* - method to delete access right from the list. Supplier can delete only access right which was provided by it self, but can not delete access rights which was provided by the client;

Please see possible requests and response data examples near methods descriptions below. In possible mock request examples there are provided two client permissions, one was provided by the supplier another by the client. So only one of the access right can be removed which was provided by the supplier.

## 5.4 Data Order controller

This controller has two methods:

- *POST "/data/data-orders"* - to order historical client data. It can be done if supplier has access right to do that;
- *GET "/data/data-orders/{orderId}/data"* - method to download client data by providing order ID.

Please see possible requests and response data examples near methods descriptions below.

## 6. 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.

### 6.1 Declaration controller

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

#### 6.1.1 Method get-declaration-data (v3)

Resource description	
<b>Definition</b>	The supplier receives data on the latest known meter scale consumption of its customers objects.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">GET /gateway/supplier/v3/get-declaration-data?first={integer}&amp;count={integer}&amp;customerId={string}&amp;objectNumber={string}</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/gateway/supplier/v3/get-declaration-data?first={integer}&amp;count={integer}&amp;customerId={string}&amp;objectNumber={string}">https://dh-sandbox-api.eso.lt/gateway/supplier/v3/get-declaration-data?first={integer}&amp;count={integer}&amp;customerId={string}&amp;objectNumber={string}</a>

Possible request for GET declaration data (B2C)	
customerId	objectNbr
10888891	12888800
10777789	12777789
Possible response data	

clientId	customerId	clientName	readings[].objectNumber	readings[].objectAddress	readings[].counterNumber	readings[].scaleMaxchar	readings[].conversionPoss	readings[].scales[].scaleId	readings[].scales[].scaleIdentifier	readings[].scales[].scaleType	readings[].scales[].readingFromDate	readings[].scales[].readingFrom	readings[].scales[].readingMin	readings[].scales[].readingSource
36513455654	10888891	Marius Pranaitis	12888800	Kazio Ulvyd o g. 12-888, Vilnius, 08335 Vilnius m. sav., Vilnius apskr.	01888853	7	false	30001	VT	VK	2020-10-31T23:59:00	7719	7719	L
36513455655	10777789	NERIJUS JONAITIS	12777789	Kazio Ulvyd o g. 12-777, Vilnius,	01777755	7	true	30002	+Wsum T2	DD	2020-10-31T23:59:00	2470	2177	V



				08335 Vilnia us m. sav., Vilnia us apskr.											
								30003	+Wsum T4	NK	2020-10- 31T23:59: 00	2020	1819	V	

**Possible request for GET declaration data (B2B)**

<b>customer Id</b>	<b>objectNbr</b>
499995	48999908

**Possible response data**

clientId	customerId	clientName	readings[]. objectNumber	readings[]. objectAddress	readings[]. counterNumber	readings[]. scaleMaxchar	readings[]. conversionPoss	readings[].scales[]. scaleId	readings[].scales[]. scaleIdentifier	readings[].scales[]. scaleType	readings[].scales[]. readingFromDate	readings[].scales[]. readingFrom	readings[].scales[]. readingMin	readings[].scales[]. readingSource
27222223 0	49999 5	UAB "IMON E"	4899990 8	4, Ryto g., Svenčion ių sen.,	99999 5	8	false	30004	+Wsum T1	MA	2020- 10- 25T00:0 0	26947	26594	D

				18105 Švenčion ių r. sav., Vilniaus apskr.										
								30005	+Wsum T2	VD	2020- 10- 25T00:0 0	56048	55208	D
								30006	+Wsum T3	MI	2020- 10- 25T00:0 0	2033	1664	D
								30007	+Wsum T4	SV	2020- 10- 25T00:0 0	4992	4656	D
								30008	+QsumT S	RV	2020- 10- 25T00:0 0	10153 2	10107 4	D
								30009	- QsumTS	RG	2020- 10- 25T00:0 0	518	184	D

## 6.1.2 Method POST /gateway/declaration/reading/list

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	POST /gateway/declaration/reading/list
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

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,         "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>

### 6.1.3 Method send-declaration-data

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /gateway/supplier/send-declaration-data</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/gateway/supplier/send-declaration-data">https://dh-sandbox-api.eso.lt/gateway/supplier/send-declaration-data</a>

#### Possible request data

The declaration sandbox solution is implemented in such a way that the supplier can use all the data received in the "GET declaration data" method response (provided above) and try to declare or receive one of the error messages.

#### Possible response data

In success POST declaration data method call, it should provide 201 Created status. In unsuccessful request it should be provided one of the possible error code which are provided above.

## 6.2 Access right controller – new

### 6.2.1 POST/gateway/access-right/list

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

Possible request 1	Possible response data 1
<pre>{   "accessRightSource": null,   "accessRightId": null,   "accessRightValidFrom": "2022-01-01",   "accessRightValidTo": null,   "consumerCode": null,</pre>	<pre>[   {     "accessRightId": 100000,     "accessRightValidFrom": "2022-04-03T15:17:07",     "accessRightValidTo": "2025-09-01T23:59:59",     "daysLeft": 1145,</pre>

<pre> "contractModel": "BSS", "contractType": "SBTS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": "11111111", "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null } </pre>	<pre> "accessRightSource": "NT", "orderId": null, "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 } ] </pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre> { "accessRightSource": null, "accessRightId": null, "accessRightValidFrom": null, "accessRightValidTo": null, "consumerCode": null, "contractModel": "2S2S", "contractType": "SKMS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": null, "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null } </pre>	<pre> [ { "accessRightId": 100001, "accessRightValidFrom": "2021-05-14T04:12:05", "accessRightValidTo": "2025-05-17T00:00:00", "daysLeft": 324, "accessRightSource": "NT", "orderId": null, "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, } ] </pre>

	<pre>"personCode": "222222222", "consumerCode": "222222", "accessRightPhoneNo": null, "accessRightEmailAddress": null, "accessRightNote": null } ]</pre>
<p><b>Possible request 3</b></p>	<p><b>Possible response data 3</b></p>
<pre>{ "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 }</pre>	<pre>[ { "accessRightId": 100002, "accessRightValidFrom": "2022-06-22T17:17:05", "accessRightValidTo": "2025-12-01T23:59:59", "daysLeft": 157, "accessRightSource": "NT", "orderId": null, "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", "orderId": null, "userName": "PUBLIC", "objectNumber": "31313131",</pre>

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

## 6.2.2 POST /gateway/access-right

Resource description	
<b>Definition</b>	<p>The supplier can grant rights by himself to access clients' historical data if has client agreement.</p> <p>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.</p>
<b>Detailed description of method in API documentation (ENG)</b>	POST /gateway/access-right
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

<b>Possible request 1</b>	<b>Possible response data 1</b>
---------------------------	---------------------------------

<pre>{   "accessRightInformation": [     {       "accessRightEmailAddress": "a@a.lt",       "accessRightNote": "pastaba",       "accessRightPhoneNo": "+37061234567",       "accessRightValidTo": "[Bet kuri diena į ateitį]",       "objectNumber": "44444444"     }   ],   "consentSign": true,   "personBrithDate": "2022-01-01",   "personCode": "1111111111",   "personName": "Vardas1",   "personSurname": "Pavardė1" }</pre>	<pre>[   {     "accessRightId": [id kuriasi vis nauji]   } ]</pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre>{   "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" }</pre>	<pre>[   {     "accessRightId": [id kuriasi vis nauji]   } ]</pre>



### 6.2.3 POST /gateway/access-right/{accessRightId}/cancel

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	POST /gateway/access-right/{accessRightId}/cancel
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<pre>[   {     "accessRightId": "100000"   } ]</pre>	If the request is successful, an <b>HTTP 200 Created</b> message is returned.

## 6.3 Data orders controller

### 6.3.1 Method data-orders/{orderId}/data

Resource description	
<b>Definition</b>	When calling POST /data/data-orders method, supplier get response with <i>orderId</i> which is used calling GET /data/data-orders/{orderId}/data method to download historical clients consumption data in ZIP file format.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">GET /data/data-orders/{orderId}/data</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/data/data-orders/{orderId}/data">https://dh-sandbox-api.eso.lt/mock/data/data-orders/{orderId}/data</a>





**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

## 6.4 Report controller

### 6.4.1 Method accounting-data-pack-b2c

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /reports/accounting-data-pack-b2c?first={integer}&amp;count={integer}</a> . Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a> .
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2c?first={integer}&amp;count={integer}">https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2c?first={integer}&amp;count={integer}</a>

### 6.4.2 Method accounting-data-pack-b2c-count

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /reports/accounting-data-pack-b2c-count</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2c-count">https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2c-count</a>

### 6.4.3 Method accounting-data-pack-b2b-meters-level

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /reports/accounting-data-pack-b2b-meters-level?first={integer}&amp;count={integer}</a> Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a> .
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level?first={integer}&amp;count={integer}">https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level?first={integer}&amp;count={integer}</a>

### 6.4.4 Method accounting-data-pack-b2b-meters-level-count

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /reports/accounting-data-pack-b2b-meters-level-count</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level-count">https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level-count</a>

### 6.4.5 Method objects-data-pack

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

## 6.4.6 Method objects-data-pack-count

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /reports/objects-data-pack-count</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/reports/objects-data-pack-count">https://dh-sandbox-api.eso.lt/mock/reports/objects-data-pack-count</a>

## 6.5 Object controller

### 6.5.1 Method POST /gateway/object/my/active/list

Resource description	
<b>Definition</b>	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: <ul style="list-style-type: none"><li>- owner change process</li><li>- contract termination process</li><li>- tariff plan change process</li></ul>
<b>Detailed description of method in API documentation (ENG)</b>	POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a> .
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<pre>{   "personCode": "1111111111",   "consumerCode": null,   "objectNumber": null,   "meterNumber": null,   "showObjectMeter": true,   "showObjectPower": true,   "showObjectState": true }</pre>	<pre>[   {     "objectNumber": "11111111",     "objectAddress": "Vilniaus g. 1, Vilnius",     "objectName": "Daugiabutis namas,laiptinė",     "objectType": "Butas",     "timeLimitedObjectValidTo": null,     "ownershipDocumentNumber": null,     "ownershipDocumentDate": null,     "auctionDate": null,     "technologicalCosts": false,   } ]</pre>

```
}
```

```
"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,
```

	<pre> "emailInvoice": null, "correspondenceAddress": " Vilniaus g. 1, Vilnius", "mobPhoneNoObject":null     }   } } ] </pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre> { "showObjectMeter": true, "showObjectPower": true, "showObjectState": true } </pre>	<pre> [ { "objectNumber": "11111111", "objectAddress": "Vilniaus g. 1, Vilnius", "objectName": "Daugiabutis namas,laiptinè", "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 }, { </pre>



```
"stateType": "ETB",
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"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": {
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"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": {
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  "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",
```

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"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": "Pavardè",
  "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,
  "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",
"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,
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"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",
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```
"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": [],
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"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": "Iřmanusis",
  "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,
```

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"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,
  }
}
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"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": "Pavardé",
  "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",
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```
"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 tinklą",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "8888",
    "meterTypeName": "",
    "meterScaleLength": 8,
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"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": {
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"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,
```



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"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": "",
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"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": "77777771",
  "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,
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"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",
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```
"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": "Laisvès 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 plus",
  "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 plus",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "7771",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract": {
  "consumerCode": "77777788",
  "contractType": "SBTS",
  "personName": "Vardas7",
```

```
"personSurname": "Pavard 7",
"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
  }
],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Namai plus",
  "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,
```

	<pre> "mobPhoneNo2Network": null, "mobPhoneInvoice": null, "phoneNoNetwork": null, "emailNetwork": null, "emailNetwork2": null, "emailInvoice": null, "correspondenceAddress": null } } } ]</pre>
--	---

### 6.5.2 Method POST /gateway/object/all/active/list

Resource description	
<b>Definition</b>	<p>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:</p> <ul style="list-style-type: none"> <li>- Owner and supplier change process</li> <li>- Supply change process</li> </ul>
<b>Detailed description of method in API documentation (ENG)</b>	<p>POST /gateway/object/all/active/list?first={integer}&amp;count={integer}&amp;sortKey={string}&amp;sortOrder={ASC/DSC}</p> <p>Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a>.</p>
<b>Request URL</b>	<p><a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a></p>

<b>Possible request 1</b>	<b>Possible response data 1</b>
---------------------------	---------------------------------



```
{
  "consumerCode": null,
  "meterNumber": null,
  "objectDataConsentSign": true,
  "objectNumbers": [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",

```

```
"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",
```

```
"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
<pre>{   "consumerCode": null,   "meterNumber": "4321",   "objectDataConsentSign": true,   "objectNumbers": [null],   "personCode": null }</pre>	<pre>[   {     "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",</pre>

```
"power": 0.4,
"powerValidFrom": "2022-01-01",
"powerValidTo": null
}
]
},
{
  "personName": "Vardas1",
  "personSurname": "Pavardé1",
  "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": [
```

	<pre> {   "powerType": "LOG",   "power": 0.4,   "powerValidFrom": "2022-01-01",   "powerValidTo": null } ] } ] </pre>
<p><b>Possible request 3</b></p>	<p><b>Possible response data 3</b></p>
<pre> {   "consumerCode": "77777777",   "meterNumber": null,   "objectDataConsentSign": true,   "objectNumbers": [null],   "personCode": null } </pre>	<pre> [   {     "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, </pre>

```
"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": "7777777",
  "objectNumber": "3333333",
  "meters": [
    {
      "meterNumber": "10102"
    }
  ],
  "objectAddress": "Laisvės pr. 2 00002 Vilnius",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "VT",
  "timeLimitedObjectValidTo": null,
  "tariffPlan": "Namai plius",
  "timeZone": "2",
```

```
"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,
```



	<pre> "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   } ] </pre>
<b>Possible request 4</b>	<b>Possible response data 4</b>
<pre> {   "consumerCode": null,   "meterNumber": null,   "objectDataConsentSign": true,   "objectNumbers": ["444444444"],   "personCode": null } </pre>	<pre> [   {     "personName": "Įmonės pavadinimas",     "personSurname": null,     "personCode": "123456789",     "consumerCode": "66666",     "objectNumber": "444444444",     "meters": [       {         "meterNumber": "9876"       }     ]   } ] </pre>

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

## 6.6 Contract controller

### 6.6.1 Method POST /gateway/contract/list

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

Possible request 1	Possible response data 1
<pre>{   "personCode": null,   "consumerCode": "11111111",   "objectNumber": null,   "meterNumber": null }</pre>	<pre>[   {     "consumerCode": "11111111",     "contractType": "SBTS",     "personName": "Vardas",     "personSurname": "Pavardė",     "personCode": "111111111111",     "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"     }   }, ]</pre>

	<pre> "objects":[   {     "objectNumber": "11111111",     "objectAddress": "Palangos g. 1, Palanga",     "contractStart": "2021-01-01",     "contractEnd": null,     "contractModel": "BSS",     "mobPhoneNoObject": null,     "meters":[       {         "meterNumber": "11111"       }     ]   } ] </pre>
<b>Possible request 2</b>	<b>Possible response data 2</b>
<pre> {   "personCode": "222222222",   "consumerCode": "222222",   "objectNumber": null,   "meterNumber": null } </pre>	<pre> [   {     "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"     }   }, </pre>

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

## 6.7 Notification contract controller - new

### 6.7.1 Method POST /gateway/notification/contract/list

Resource description

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

Possible request 1	Possible response data 1
<pre>{ "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 }</pre>	<pre>[ { "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,</pre>

```
"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,
```

	<pre> "auctionDate": null, "payoffMethod": null } } ] } ] </pre>
<b>Possible request 2</b>	<b>Possible response data 2</b>
<pre> { "changeTypes":null, "contractStartFrom": null, "contractStartTo": null, "notificationId": null, "objectNumber": "60345678", "personCode": null, "status": ["P"], "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null, "supplierContractNo": null, "objectAddressSearch": null } </pre>	<pre> [ { "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", </pre>

	<pre>"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,</pre>
--	---

	<pre>"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" } } ] }</pre>
<b>Possible request 3</b>	<b>Possible response data 3</b>

```
{
"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,
```

	<pre>"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",</pre>
--	--

	<pre>"ownershipDocumentNumber": null, "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": null } }, { "contractType": "SBTS", "consumerCode": "77777788", "object": { "objectNumber": "77777777", "meterNumbers": ["1234567"], "objectAddress": "Laisvès pr. 1 00001 Vilnius", "contractModel": "BSS", "tariffPlan": "Išmanysis", "timeZone": "4", "ownershipDocumentNumber": null, "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": "M" } } ] }</pre>
<b>Possible request 4</b>	<b>Possible response data 4</b>



```
{
"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",
```

	<pre> "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 } } ] } ] </pre>
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,
```

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

<p><b>Possible request 6</b></p>	<p><b>Possible response data 6</b></p>
<pre> { "changeTypes": [ "NTK" ], "contractStartFrom": null, "contractStartTo": null, "notificationId": 100010, "objectNumber": "88888866", </pre>	<pre> [ { "notificationId": 100010, "changeType": "NTK", "contractType": "SBTS", "contractStart": "2050-08-01", "supplierContractNo": "Numeris-666", "notes": "PASTABA1", "userName": "Petras Petraitis", </pre>

```
"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"  
  }  
],
```

	<pre>{   "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 plus",     "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",</pre>
--	--



	<pre> "tariffPlan": "Standartinis", "timeZone": "1", "ownershipDocumentNumber": "Numeris-66", "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": "E", "meterNumbers": [   "66666666" ] } ] } ] </pre>
<p><b>Possible request 7</b></p>	<p><b>Possible response data 7</b></p>
<pre> { "changeTypes": [   "NTK" ], "contractStartFrom": null, "contractStartTo": null, "notificationId": 100011 , "objectNumber": null, "personCode": null, "status": null, "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null, "supplierContractNo": null, "objectAddressSearch": null } </pre>	<pre> [ { "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": { </pre>

```
"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,
```

	<pre> "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": [ "SAG777777777777" ] } } ] } ] </pre>
<p><b>Possible request 8</b></p>	<p><b>Possible response data 8</b></p>
<pre> { "changeTypes": [ "NTK" ], "contractStartFrom": null, "contractStartTo": null, "notificationId": 100012, </pre>	<pre> [ { "notificationId": 100012, "changeType": "NTK", "contractType": "SBTS", "contractStart": "2022-08-01", "supplierContractNo": "Numeris-888", "notes": "PASTABA1", "userName": "Petras Petraitis", </pre>

```
"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": "Vilnelès g. 1, Kaunas",
  "street": "Vilnelès 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": "Vilnelès g. 1, Kaunas",
    "contractModel": "BSS",
    "tariffPlan": "Namai plus",
    "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": "Vilnelès g. 1, Kaunas",
      "contractModel": "BSS",
      "tariffPlan": "Standartinis",
```

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

### 6.7.2 Method POST /gateway/notification/contract

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

Possible request 1	Possible response data 1
<pre> { "changeType": "SK", "consentSign": true, "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]", </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

```
"contractType": "SBTS",
"correspondenceAddress": {
  "apartment": 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": {
```

<pre> "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 } </pre>	
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre> { "changeType": "SK", "consentSign": true, "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]", "contractType": "SKMS", "correspondenceAddress": {   "apartment": null,   "building": "1",   "county": null,   "eldership": "Seniūnijos sen.",   "housingNo": null,   "locality": null,   "municipality": " Vilniaus r. sav.",   "street": "Gatvės g." }, </pre>	<pre> {   "notificationId": [id kuriasi vis nauji] } </pre>



```
"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": {
"apartment": "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]
}
```

<pre> "telPhoneNoNetwork": null }, "personName": "Vardas", "personCode": "5555555555", "subjectType": "FAS", "personSurname": "Pavardė", "vatCode": "1414141414", "representativeName": null, "representativeSurname": null, "representativeDuty": null }, "supplierContractNo": "Numeris-123" } </pre>	
<p><b>Possible request 4</b></p>	<p><b>Possible response data 4</b></p>
<pre> { "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, </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

```

"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 \"Imonė\"",
"personCode": "88888888",
"subjectType": "JAS",
"personSurname": null,
"vatCode": null,
"representativeName": null,
"representativeSurname": null,
"representativeDuty": null
},
"supplierContractNo": "Numeris-321"
}

```

**Possible request 5**

```

{
"changeType": "NTK",
"consentSign": true,
"contractStart": "2022-07-01",
"contractType": "SBTS",
"correspondenceAddress": {

```

**Possible response data 5**

```

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

```

```
"appartamento": 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.it",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "mobPhoneNoNetwork": "+37062884809",
    "telPhoneNoNetwork": null
  },
  "personCode": "5555555555",
  "personName": "Name",
  "personSurname": "Surname",
  "subjectType": "FAS",
```

```
"vatCode": null,  
"representativeName": null,  
"representativeSurname": null,  
"representativeDuty": null  
},  
"supplierContractNo": "Numeris-555"  
}
```

#### Possible request 6

```
{  
  "changeType": "NTK",  
  "consentSign": true,  
  "contractStart": "2022-07-01",  
  "contractType": "SKMS",  
  "correspondenceAddress": {  
    "appartement": 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
```

#### Possible response data 6

```
{  
  "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 \"Imonė\"",
  "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": {
    "apartment": null,
    "building": null,
    "county": null,
    "eldership": null,
    "housingNo": null,
    "locality": null,

```

```

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

```

```
"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"
```





### 6.7.3 Method POST /gateway/notification/{notificationId}/contract/cancel

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

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

## 6.8 Notification contract termination controller

### 6.8.1 Method POST /gateway/notification/contract/termination/list

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

Possible request 1	Possible response data 1
{ "personCode": "5555555555", "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",

<pre>"userNameSearch": null }</pre>	<pre>"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"   } ] }</pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre>{   "personCode": null,   "objectNumber": "66666666",   "notificationId": 100002,   "contractTerminationDateFrom": null,   "contractTerminationDateTo": null,   "submittedDateFrom": null,   "submittedDateTo": null, }</pre>	<pre>[   {     "notificationId": 100002,     "contractTerminationDate": "2021-11-17",     "contractTerminationReason": "P",     "userName": "Vardas Pavardė",   } ]</pre>

<pre>"status": null, "contractTerminationReason": "P", "userSearch": null }</pre>	<pre>"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" } ] }</pre>
<p><b>Possible request 3</b></p>	<p><b>Possible response data 3</b></p>
<pre>{ "personCode": null, "objectNumber": null, "notificationId": 100003, "contractTerminationDateFrom": null, "contractTerminationDateTo": null, "submittedDateFrom": null, "submittedDateTo": null, "status": "V", "contractTerminationReason": null, "userSearch": null }</pre>	<pre>[ { "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": "77777777", "consumerCode": "77777", "objectNumber": "7777771", </pre>

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

### 6.8.2 Method POST /gateway/notification/contract/termination

Resource description

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

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

<pre> "objectNumber": "33333333", "coowner": true, "coownerConsentDate": "2021-11-01" }, { "objectNumber": "31313131", "coowner": false, "coownerConsentDate": null } ] } </pre>	
--	--

### 6.8.3 Method POST /gateway/notification/{notificationId}/contract/termination/cancel

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

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

## 6.9 Notification contract tariff plan controller

### 6.9.1 Method POST /gateway/notification/contract/tariff-plan/list

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

Possible request 1	Possible response data 1
<pre>{   "notificationId": 10000001,   "personCode": "1111111111",   "consumerCode": "11111111",   "objectNumber": "11111111",   "objectAddressSearch": null,   "status": "P",   "submittedDateFrom": null,   "submittedDateTo": null,   "newTariffPlanSearch": null,   "newTimeZone": "2",   "contractType": "SBTS",</pre>	<pre>[   {     "notificationId": 10000001     "latestStatus": "P",     "errorType": null,     "submittedDate": "2021-12-01T10:00:00",     "userName": "Vardenis Pavardenis1",     "objects":[       {         "personName": "Vardas1",         "personSurname": "Pavardé1",         "personCode": "*****111",         "consumerCode": "11111111",         "objectNumber": "11111111",         "objectAddress": "Vilniaus g. 1, Vilnius",         "contractType": "SBTS",</pre>



<pre>"contractModel": null, "userNameSearch": null }</pre>	<pre>"contractModel": "BSS", "tariffPlan": "Standartinis", "timeZone": "1", "newTariffPlan": "Standartinis", "newTimeZone": "2" } ], "status":[ { "status": "P", "statusDate":"2021-12-01T10:00:00" } ] } ]</pre>
--	---

### 6.9.2 Method POST /gateway/notification/contract/tariff-plan

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

Possible request 1	Possible response data 1
<pre>{ "consentSign": true,</pre>	<pre>{ "notificationId": [id kuriasi vis nauji]</pre>

<pre>"objects":[   {     "objectNumber": "11111111",     "newTariffPlan": "Standartinis",     "newTimeZone": "2"   } ]</pre>	<pre>}</pre>
<b>Possible request 2</b>	<b>Possible response data 2</b>
<pre>{   "consentSign": true,   "objects":[     {       "objectNumber": "22222222",       "newTariffPlan": null,       "newTimeZone": "2"     }   ] }</pre>	<pre>{   "notificationId": [id kuriasi vis nauji] }</pre>
<b>Possible request 3</b>	<b>Possible response data 3</b>
<pre>{   "consentSign": true,   "objects":[     {       "objectNumber": "33333333",       "newTariffPlan": "Išmanusis",       "newTimeZone": "4"     }   ] }</pre>	<pre>{   "notificationId": [id kuriasi vis nauji] }</pre>

```

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

```

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

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

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

## 6.10 Notification contract contact controller

### 6.10.1 Method POST /gateway/notification/contract/contact/list

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

Possible request 1	Possible response data 1
<pre>{   "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 }</pre>	<pre>[   {     "notificationId": "10000001",     "personName": "Vardas",     "personSurname": "Pavardė",     "personCode": "111111111111",     "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,     }   } ]</pre>

	<pre> "newEmailNetwork": null, "newEmail2Network": null, "newEmailInvoice": null }, "contact":{ "correspondenceAddress": "Prienu 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" } ] } ] </pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre> { "notificationId": null, "personCode": null, "consumerCode": "22222", "objectNumber": null, "objectAddressSearch": null, </pre>	<pre> [ { "notificationId": "10000002", "name": "Įmonės pavadinimas", "surname": null, "personCode": "22222222", </pre>

```
"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"
  }
]
```

	<pre> ], "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"   } ] } ] </pre>

### 6.10.2 Method POST /gateway/notification/contract/contact

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

Possible request 1	Possible response data 1
<pre> {   "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     }   ] } </pre>	<pre> {   "notificationId": [id kuriasi vis nauji] } </pre>
Possible request 1	Possible response data 1
<pre> {   "consumerCode": "22222",   "consentSign": true,   "newCorrespondenceAddress":{     "newStreet": "Elektrėnų g.", </pre>	<pre> {   "notificationId": [id kuriasi vis nauji] } </pre>



```

"newBuilding": "1",
"newHousingNo": null,
"newAppartment": 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"
}
]
}

```

### 6.10.3 Method POST /gateway/notification/{notificationId}/contract/contact/cancel

Resource description	
<b>Definition</b>	The method is intended to cancel the contact change.
<b>Detailed description of method in API</b>	POST /gateway/notification/{notificationId}/contract/contact/cancel

<b>documentation (ENG)</b>	
<b>letalRequest URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

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

## 6.11 Order controller

### 6.11.1 Method POST/gateway/order/list

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

Possible request 1	Possible response data 1

<pre>{ "orderId": 100001, "orderTypes": ["bill-2s2s-b2b"], "submittedDateFrom": "2022-01-01", "submittedDateTo": "2022-01-31", "dateFrom": null, "dateTo": null, "status": "IV", "auto": false, "userNameSearch": null }</pre>	<pre>[ { "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" } ]</pre>
<p><b>Possible request 2</b></p>	<p><b>Possible response data 2</b></p>
<pre>{ "orderId": 100002, "orderTypes": ["bill-2s2s-b2b"], "submittedDateFrom": "2022-01-01", "submittedDateTo": "2022-01-31", "dateFrom": null, "dateTo": null, "status": "IV", "auto": false, "userNameSearch": null }</pre>	<pre>[ { "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" } ]</pre>

**Possible request 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
}
```

**Possible response 3**

```
[
  {
    "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\\": \\"HOURL\\"}",
    "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\\": \\"HOURL\\"}",
    "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\\": \\"HOURL\\"}",
  }
]
```

```

"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\": \"HOOR\"}",
"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\": \"HOOR\"}",
"latestStatus": "IV",
"statusDate": "2022-03-01T11:01:00",
"expireDate": "2122-03-02T11:01:00",
"auto": false,
"userName": "PUBLIC"
},
]

```

	<pre>{   "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\": \"\"}"}",   "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\": \"\"}"}",   "latestStatus": "IV",   "statusDate": "2022-03-01T11:01:00",   "expireDate": "2122-03-02T11:01:00",   "auto": false,   "userName": "PUBLIC" } ]</pre>
--	---

<b>Possible request 5</b>	<b>Possible response 5</b>
---------------------------	----------------------------

<pre>{   "orderId": 100010,   "orderTypes": ["report-obj"],   "submittedDateFrom": "2021-12-01",   "submittedDateTo": null,   "dateFrom": null,</pre>	<pre>[   {     "orderId": 100010,     "orderType": "report-obj",     "submittedDate": "2022-01-01T11:00:00",     "dateFrom": "2021-01-01",</pre>
---	--

<pre>"dateTo": null, "status": "IV", "auto": false, "userNameSearch": null }</pre>	<pre>"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" } ]</pre>
--	--

### 6.11.2 Method POST/gateway/order/{hr15OrderShortName}

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

Possible request 1	Possible response data 1
<pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers": ["11111111"], "interval": "HOUR" }</pre>	<pre>{ "orderId": [id kuriasi vis nauji] }</pre>
Possible request 2	Possible response data 2

<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+", "P-", "Q+", "Q-"],   "objectNumbers":["22222222"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis nauji] }</pre>
<b>Possible request 3</b>	<b>Possible response 3</b>
<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+"],   "objectNumbers":["33333333"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>
<b>Possible request 4</b>	<b>Possible response 4</b>
<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+", "P-", "Q+", "Q-"],   "objectNumbers":["44444444"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>
<b>Possible request 5</b>	<b>Possible response 5</b>
<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+", "P-", "Q+", "Q-"],   "objectNumbers":["55555555"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>
<b>Possible request 6</b>	<b>Possible response 6</b>



<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+", "P-", "Q+", "Q-"],   "objectNumbers":["66666666"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>
<b>Possible request 7</b>	<b>Possible response 7</b>
<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+"],   "objectNumbers":["77777777"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>
<b>Possible request 8</b>	<b>Possible response 8</b>
<pre>{   "dateFrom": "2021-03-01",   "dateTo": "2022-02-28",   "consumptionCategories": ["P+", "P-", "Q+", "Q-"],   "objectNumbers":["88888888"],   "interval":"<b>HOURL</b>" }</pre>	<pre>{   "orderId": [id kuriasi vis naujas] }</pre>

### 6.11.3 Method POST/gateway/order/{orderShortName}

Resource description	
<b>Definition</b>	Method will order the chosen report.
<b>Detailed description of</b>	POST/gateway/order/{orderShortName }

<b>method in API documentation (ENG)</b>	
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1 – 2s2s report	Possible response data 1
<pre>{   "dateFrom": "2022-01-01",   "dateTo": "2022-01-31",   "consumerCode": null,   "personCode": null,   "objectNumber": ["null"],   "contractType": null }</pre>	<pre>{   "orderId": [id kuriasi vis nauji] }</pre>
Possible request 2 – objects report	Possible response data 2
<pre>{   "dateFrom": "2020-05-01",   "dateTo": "2022-05-31",   "consumerCode": null,   "personCode": null,   "objectNumber": ["null"],   "contractType": null }</pre>	<pre>{   "orderId": [id kuriasi vis nauji] }</pre>

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

Resource description	
<b>Definition</b>	The method is designed to obtain fifteen minute / hour report data.

<b>Detailed description of method in API documentation (ENG)</b>	GET/gateway/order/{orderId}/data-hr-15min-obj-lvl
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request	Possible response
{ "orderId": "100003" }	Possible response is submitted in the .csv file of the report
{ "orderId": "100004" }	
{ "orderId": "100005" }	
{ "orderId": "100006" }	

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

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

Possible request	Possible response
{ "orderId": "100007" }	Possible response is submitted in the .csv file of the report
{ "orderId": "100008" }	
{ "orderId": "100009" }	

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

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

Possible request 1	Possible response data 1	Possible response data 1 (continuation)
{ "orderId": "100001" }	[ { "vatInvoiceNumber": "00017996", "vatInvoiceSeries": "EASS", "objects": [ { "contractType": "SKMS",	{ "contractType": "SKMS", "consumerCode": "33333", "personCode": "333333333", "personName": "Įmonės pavadinimas", "personSurname": null,

	<pre> "consumerCode": "111111", "personCode": "1111111111", "personName": "Vardas", "personSurname": "Pavardė", "objectId": "111111", "objectNumber": "1111111", "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,     "permissiblePowerConsumption": 5,     "permissiblePowerGeneration": 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,     "permissiblePowerConsumption": 5,     "permissiblePowerGeneration": null   },   {     "billingPeriod": "2022-01-01T00:00:00",     "generatingObjectType": null,     "tariffPlan": null, </pre>	<pre> "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,     "permissiblePowerConsumption": 15,     "permissiblePowerGeneration": null   } ], {   "contractType": "SKMS",   "consumerCode": "33333",   "personCode": "33333333",   "personName": "Imonės 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+", </pre>
--	--	--

```

        "productCode":"TS",
        "productName":"Technologinės sąnaudos",
        "productType":null,
        "consumptionCategory":"P+",
        "consumptionAmount":21,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permissiblePowerConsumption":5,
        "permissiblePowerGeneration":null
    }
]
},
{
    "contractType":"SKMS",
    "consumerCode":"111111",
    "personCode":"11111111111",
    "personName":"Vardas",
    "personSurname":"Pavardė",
    "objectId":111112,
    "objectNumber":"1111112",
    "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,
            "permissiblePowerConsumption":5,
            "permissiblePowerGeneration":null
        }
    ]
}
],
{
    "vatInvoiceNumber":"00023956",

```

```

        "consumptionAmount":0,
        "unit":"kWh",
        "oldIndependentSupplier":null,
        "permissiblePowerConsumption":3,
        "permissiblePowerGeneration":null
    }
]
}
],
{
    "vatInvoiceNumber":"00000132",
    "vatInvoiceSeries":"EASS",
    "objects":[
        {
            "contractType":"SKMS",
            "consumerCode":"444444",
            "personCode":"444444444",
            "personName":"[monės 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,
                    "permissiblePowerConsumption":172,
                    "permissiblePowerGeneration":null
                }
            ]
        }
    ]
}
]
}

```

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	<pre> "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", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":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", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":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", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":85.4 } }, "objectId":666661 } </pre>	<pre> "consumptionCategory":"P-", "consumptionAmount":3.69, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":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", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":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":[ { </pre>
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	<pre> ] }, {   "vatInvoiceNumber": "00027697",   "vatInvoiceSeries": "EASS",   "objects": [     {       "contractType": "SKMS",       "consumerCode": "777777",       "personCode": "777777777",       "personName": "Įmonės pavadinimas 4",       "personSurname": null,       "objectNumber": "11000802",       "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",           "permissiblePowerConsumption": 23.0,           "permissiblePowerGeneration": 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",           "permissiblePowerConsumption": 23.0,           "permissiblePowerGeneration": null         }       ]     }   ] } </pre>	<pre> "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", "permissiblePowerConsumption": 90.0, "permissiblePowerGeneration": null }, {   "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",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": 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",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "MAAAGAMAP",   "productName": "El. energijos atgautas kiekis dif. maksim. apkrovų tarifu", "productType": "MA", </pre>
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	<pre> {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VNKS",   "productName": "Sukauptos el. energijos kiekis laikotarpio pradziai",   "productType": "VK",   "consumptionCategory": "P-",   "consumptionAmount": 6231.97,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 23.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VNKAAGAMAP",   "productName": "El. energijos atgautas kiekis vienos laiko zonos",   "productType": "VK",   "consumptionCategory": "P-",   "consumptionAmount": 2694.0,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 23.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VNKTSTO",   "productName": "El. energijos trukstamas kiekis vienos laiko zonos",   "productType": "VK",   "consumptionCategory": "P+",   "consumptionAmount": 0.0,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 23.0,   "permissiblePowerGeneration": null } ], "objectId": "777771 } </pre>	<pre> "consumptionCategory": "P-", "consumptionAmount": 444.72, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "N", "permissiblePowerConsumption": 90.0, "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "MATSTO",   "productName": "El. energijos trukstamas kiekis dif. maksim. apkrovu",   "productType": "MA",   "consumptionCategory": "P+",   "consumptionAmount": 2669.28,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "MIAAGAMAP",   "productName": "El. energijos atgautas kiekis dif. min. apkrovu",   "productType": "MI",   "consumptionCategory": "P-",   "consumptionAmount": 395.88,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "MITSTO",   "productName": "El. energijos trukstamas kiekis dif. min. apkrovu",   "productType": "MI",   "consumptionCategory": "P+",   "consumptionAmount": 2376.12, </pre>
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	<pre> ] }, {   "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",           "permissiblePowerConsumption": 40.0,           "permissiblePowerGeneration": 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",           "permissiblePowerConsumption": 40.0,           "permissiblePowerGeneration": 29.63         }       ]     }   ] } </pre>	<pre> "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "N", "permissiblePowerConsumption": 90.0, "permissiblePowerGeneration": 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",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": 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",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": 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",   "permissiblePowerConsumption": 90.0, </pre>
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	<pre> {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VNKS",   "productName": "Sukauptos el. energijos kiekis laikotarpio pradziai",   "productType": "VK",   "consumptionCategory": "P-",   "consumptionAmount": 0.0,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "G",   "permissiblePowerConsumption": 40.0,   "permissiblePowerGeneration": 29.63 }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "D_MIN_APKRSTO",   "productName": "El. en. persiuntimas dif. min. apkrovu tarifu",   "productType": "MI",   "consumptionCategory": "P+",   "consumptionAmount": 595.0,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "G",   "permissiblePowerConsumption": 40.0,   "permissiblePowerGeneration": 29.63 }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "D_SVSTO",   "productName": "El. en. persiuntimas dif. seštadienio, sekmadienio ir švenčiu tarifu",   "productType": "SV",   "consumptionCategory": "P+",   "consumptionAmount": 520.0,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "G",   "permissiblePowerConsumption": 40.0,   "permissiblePowerGeneration": 29.63 }, </pre>	<pre> "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "SVTSTO",   "productName": "El. energijos trūkstamas kiekis dif. švenčių ir savaitgalio tarifu (persiuntimas)",   "productType": "SV",   "consumptionCategory": "P+",   "consumptionAmount": 1165.77,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VDAAGAMAP",   "productName": "El. energijos atgautas kiekis dif. vid. apkrovu tarifu",   "productType": "VD",   "consumptionCategory": "P-",   "consumptionAmount": 531.26,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null }, {   "billingPeriod": "2022-01-01T00:00:00",   "productCode": "VDTSTO",   "productName": "El. energijos trūkstamas kiekis dif. vid. apkrovu tarifu (persiuntimas)",   "productType": "VD",   "consumptionCategory": "P+",   "consumptionAmount": 3188.74,   "unit": "kWh",   "oldIndependentSupplier": null,   "generatingObjectType": "N",   "permissiblePowerConsumption": 90.0,   "permissiblePowerGeneration": null } ], </pre>
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		<pre> "objectId":9999999     }   ] } ] </pre>
--	--	---

### 6.11.7 Method GET/gateway/order/{orderId}/report-obj

Resource description	
<b>Definition</b>	The method is used to obtain objects report data.
<b>Detailed description of method in API documentation (ENG)</b>	GET/gateway/order/{orderId}/report - obj
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request	Possible response
<pre> {   "orderId": "100010" } </pre>	Possible response is submitted in the .csv file of the report

### 6.11.8 Method GET/gateway/order/{orderId}/count

Resource description
----------------------

<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	GET/gateway/order/{orderId}/count
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

## 6.12 Notification cancellation controller

### 6.12.1 POST /gateway/notification/cancellation/list

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

Possible request 1	Possible response data 1
{ "notificationId":10000001,	[ {

<pre> "cancelledNotificationId": null, "cancelledNotificationType":[   "NTK" ], "objectNumber": null, "objectAddressSearch": null, "submittedDateFrom": null, "submittedDateTo": null, "status":[   "P" ], "userNameSearch":null } </pre>	<pre> "notificationId":10000001, "cancelledNotificationId":100010, "cancelledNotificationType":"NTK", "cancelledFullNotification": true, "userName":"PUBLIC", "submittedDate":"2022-07-19T12:08:15.906", "latestStatus":"P", "errorType":null, "objects":[   {     "objectNumber":"88888866",     "objectAddress":"Vilnelės g. 1, Kaunas"   } ], "notificationStatus":[   {     "status":"P",     "statusDate":"2022-07-19T12:08:15.906"   } ] } ] </pre>
---	---

### 6.12.2 POST /gateway/notification/cancellation

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

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

### 6.12.3 POST /gateway/notification/{notificationId}/cancellation/cancel

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

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

## 6.13 Notification contract object supply state controller

### 6.13.1 POST /gateway/notification/contract/object/supply-state/list?first={integer}&count={integer}&sortOrder={ASC/DSC}

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

Possible request 1	Possible response data 1
<pre>{   "notificationId": null,   "personCode": null,   "consumerCode": null,   "objectNumber": "11111111",   "objectAddressSearch": null,   "changeType": [     "D"   ],   "status": [     "IV"   ],   "submittedDateFrom": null,</pre>	<pre>[   {     "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",</pre>



```
"submittedDateTo": null,  
"contractType": null,  
"contractModel": null,  
"userNameSearch": null  
}
```

```
"personSurname": "Pavard 1",  
"personCode": "*****111",  
"consumerCode": "11111111",  
"contractType": "SBTS",  
"contractModel": "BSS",  
"objectSupplyState": "T",  
"objectSupplyStateValidFrom": "1990-01-01T00:00:00",  
"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 vardas",
    "currentObjectData":{
      "objectNumber":"98765432",
      "objectAddress":"Kauno g. 1, Kaunas",
      "personName":"Vardas",
      "personSurname":"Pavardė",
      "personCode":"*****910",
      "consumerCode":"12121212",
      "contractType":"SBTS",
      "contractModel":"BSS",
      "objectSupplyState":"P",
      "objectSupplyStateValidFrom":"2021-01-01T00:00:00",
      "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":"IV",
  "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": "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"
      }
    ]
  }
]

```

### 6.13.2 POST /gateway/notification/contract/object/supply-state

Resource description	
<b>Definition</b>	The method is for independent supplier to transfer object's disconnection/connection (supply state change) to DataHub.

<b>Detailed description of method in API documentation (ENG)</b>	POST /gateway/notification/contract/object/supply-state
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<pre>{   "changeType":"D",   "notes": null,   "consentSign": true,   "objectNumber":"11111111" }</pre>	<pre>{   "notificationId": [id kuriasi vis nauji] }</pre>
Possible request 2	Possible response data 2
<pre>{   "changeType":"C",   "notes":"Prašymas prijungti",   "consentSign": true,   "objectNumber":"98765432" }</pre>	<pre>{   "notificationId": [id kuriasi vis nauji] }</pre>

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

<b>Resource description</b>
-----------------------------

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

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

## 6.14 Contract change notification controller - old

### 6.14.1 Method object-list

Resource description	
<b>Definition</b>	Metodas skirtas gauti objektų sąrašą pagal atrankos kriterijus.
<b>Detailed description of method in API documentation (ENG)</b>	<p><a href="#">GET /gateway/contract-data/{changeType}/objects-list?first={integer}&amp;count={integer}&amp;sort={ASC/DSC}</a></p> <p>Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a>.</p>
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<pre>{   "consumerCode": null,   "meterNumber": null,   "objectDataConsentSign": true,   "objectNumber": null,   "personCode": "12345678910" }</pre>	<p><b>ChangeType SK</b></p> <pre>[   {     "name": "Vardas",     "surname": "Pavardė",     "personCode": "*****910",     "consumerCode": "12121212",     "objectNumber": "98765432",     "meterNumber": "12345; 1234",     "objectAddress": "Kauno g. 1, Kaunas",     "contractType": "SBTS",     "contractModel": "BSS",     "supplierType": null,     "timeLimitedObjectValidTo": null,     "tariffPlan": "Standartinis",     "timeZone": "2",     "generatingObjectType": null,     "payoffMethod": null,     "ownershipDocumentNumber": null   },   {     "name": "Vardas",     "surname": "Pavardė",     "personCode": "*****910",     "consumerCode": "12121212",     "objectNumber": "14725836",     "meterNumber": "9090",     "objectAddress": "Kauno g. 2, Kaunas",     "contractType": "SBTS",</pre>

	<pre>"contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": null, "tariffPlan": "Standartinis", "timeZone": "2", "generatingObjectType": "G", "payoffMethod": "G", "ownershipDocumentNumber": null } ]</pre>
<b>Possible request 2</b>	<b>Possible response data 2</b>
<pre>{ "consumerCode": null, "meterNumber": "4321", "objectDataConsentSign": true, "objectNumber": null, "personCode": null }</pre>	<p><b>ChangeType SK</b></p> <pre>[ { "name": "Vardas", "surname": "Pavardė", "personCode": "*****555", "consumerCode": "14725836", "objectNumber": "12345678", "meterNumber": "4321", "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.", "contractType": "SBTS", "contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": "2200-12-01T00:00:00", "tariffPlan": "Išmanusis", "timeZone": "4", "generatingObjectType": "G", "payoffMethod": "E", "ownershipDocumentNumber": "ABC123" },</pre>



	<pre>{   "name": "Vardas1",   "surname": "Pavardė1",   "personCode": "*****345",   "consumerCode": "88888888",   "objectNumber": "76767676",   "meterNumber": "4321",   "objectAddress": "Nidos g., 1, Nida",   "contractType": "SBTS",   "contractModel": "BSS",   "supplierType": null,   "timeLimitedObjectValidTo": "2200-10-01T00:00:00",   "tariffPlan": "Namai plus",   "timeZone": "2",   "generatingObjectType": null,   "payoffMethod": null,   "ownershipDocumentNumber": "123-ABC" }</pre>
<p><b>Possible request 3</b></p>	<p><b>Possible response data 3</b></p>
<pre>{   "consumerCode": "77777777",   "meterNumber": null,   "objectDataConsentSign": true,   "objectNumber": null,   "personCode": null }</pre>	<p><b>ChangeType STK</b></p> <pre>[   {     "name": "Vardas",     "surname": "Pavardė",     "personCode": "*****123",     "consumerCode": "77777777",     "objectNumber": "22222222",     "meterNumber": "10101",     "objectAddress": "Laisvės pr. 1 00001 Vilnius",</pre>

	<pre> "contractType": "SBTS", "contractModel": "BSS", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "Išmanusis", "timeZone": "4", "generatingObjectType": "N", "payoffMethod": null, "ownershipDocumentNumber": null }, { "name": "Vardas", "surname": "Pavardė", "personCode": "*****123", "consumerCode": "77777777", "objectNumber": "33333333", "meterNumber": "10102", "objectAddress": "Laisvės pr. 2 00002 Vilnius", "contractType": "SBTS", "contractModel": "BSS", "supplierType": "VT", "timeLimitedObjectValidTo": null, "tariffPlan": "Namai plius", "timeZone": "2", "generatingObjectType": "G", "payoffMethod": "M", "ownershipDocumentNumber": null } ] </pre>
<p><b>Possible request 4</b></p>	<p><b>Possible response data 4</b></p>
<pre> { "consumerCode": null, </pre>	<p><b>ChangeType STK</b></p>

<pre>"meterNumber": null, "objectDataConsentSign": true, "objectNumber": "444444444", "personCode": null }</pre>	<pre>[ { "name": "Įmonės pavadinimas", "surname": null, "personCode": "123456789", "consumerCode": "66666", "objectNumber": "444444444", "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": null, "ownershipDocumentNumber": null } ]</pre>
--	--

### 6.14.2 Method details

Resource description	
<b>Definition</b>	Metodas skirtas gauti sutarties savininko keitimo informaciją.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">GET/contract-data/contract-change-notification-details?first={integer}&amp;count={integer}&amp;sort={ASC/DSC}</a>

	Response description are provided in additional document - <a href="https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html">https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html</a> .
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<pre>{   "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 }</pre>	<pre>[   {     "notificationId": 100005,     "changeType": "SK",     "contractType": "SBTS",     "contractStart": "2021-08-01",     "supplierContractNo": null,     "notes": "Pastaba 123",     "userName": 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",       "name": "Vardas5",       "surname": "Pavardė5",     }   } ]</pre>

```
"personCode": "*****363",
"birthDate": null,
"vatCode": 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
},
{
"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
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
"consumerCode": "12121213",
"object": {
"objectNumber": "50725836",
"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",
"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**

```
{
  "contractStartFrom": null,
  "contractStartTo": null,
  "notificationId": null,
  "objectNumber": "60345678",
  "personCode": null,
  "status": "P",
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null
}
```

```
[
  {
    "notificationId": 100006,
    "changeType": "SK",
    "contractType": "SKMS",
    "contractStart": "2021-08-01",
    "supplierContractNo": null,
    "notes": null,
    "userName": 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",
      "name": "UAB Įmonė6",
      "surname": null,
      "personCode": "123456710",
      "birthDate": null,
      "vatCode": 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": "M",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-07-05T00:00:00"
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
"consumerCode": "14725848",
"object": {
"objectNumber": "60345678",
"objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
```

```
"contractModel": null,  
"tariffPlan": "Ismanusis",  
"timeZone": "4",  
"ownershipDocumentNumber": null,  
"ntGetCoownerConsent": false,  
"auctionDate": null,  
"payoffMethod": "E"  
}  
}  
]  
}  
]
```

**Possible request 3**

**Possible response data 3**

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

```
[
  {
    "notificationId": 100007,
    "changeType": "STK",
    "contractType": "SKMS",
    "contractStart": "2021-07-19",
    "supplierContractNo": "Numeris-123",
    "notes": "Pastabos pavyzdys",
    "userName": 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",
      "name": "Vardas7",
      "surname": "Pavardė7",
      "personCode": "*****777",
      "birthDate": "1960-01-01T00:00:00",
      "vatCode": "1414141414",
      "contacts": {
        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": null,
        "mobPhoneNoInvoice": null,
        "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": "P",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-01-01T00:00:00"
},

```

```
{
  "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
}
],
"oldContractInfo": [
  {
    "contractType": "SBTS",
    "consumerCode": "77777788",
    "object": {
      "objectNumber": "77777771",
      "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",  
  "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
<pre>{   "contractStartFrom": null,   "contractStartTo": null,   "notificationId": null,   "objectNumber": "88888888",   "personCode": "888888881",   "status": null,   "submittedDateFrom": null,   "submittedDateTo": null,   "usernameSearch": null }</pre>	<pre>[   {     "notificationId": 100008,     "changeType": "STK",     "contractType": "SKMS",     "contractStart": "2021-07-25",     "supplierContractNo": "Numeris-321",     "notes": "Nëra",     "userName": null,     "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",       "name": "UAB \"İmonė8\"",       "surname": null,       "personCode": "888888881",       "birthDate": null,       "vatCode": null,       "contacts": {         "mobPhoneNoNetwork": "+37061234567",         "mobPhoneNo2Network": null,         "mobPhoneNoInvoice": null, </pre>

```
"telPhoneNoNetwork": null,
"emailNetwork": "vardas.pavarde@imone.lt",
"email2Network": null,
"emailInvoice": "vardas.pavarde@imone.lt"
}
},
"contractNotificationStatus": [
{
"status": "IV",
"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
}
],
"oldContractInfo": [
{
"contractType": "SKMS",
"consumerCode": "66655",
"object": {
"objectNumber": "88888888",
"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
}
}
]
}
]

```

### 6.14.3 Method contract-change-notification

Resource description

<b>Definition</b>	Metodas skirtas NT perduoti sutarties savininko pakeitimus į DataHub.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /contract-data/{changeType}/contract-change-notification</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

Possible request 1	Possible response data 1
<p><b>ChangeType - SK</b></p> <pre>{   "consentSign": true,   "contractStart": "[Nuo einamosios datos iki sekančio mėn 1 d.]",   "contractType": "SBTS",   "correspondenceAddress": {     "apartment": 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",</pre>	<pre>{   "notificationId": [id kuriasi vis nauji] }</pre>

```
"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
  },
  "name": " Vardas",
  "personCode": "36363636363",
  "subjectType": "FAS",
  "surname": " Pavardė",
  "vatCode": null
},
"supplierContractNo": null
}
```

Possible request 2	Possible response data 2
<p><b>ChangeType – SK</b></p> <pre> {   "consentSign": true,   "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]",   "contractType": "SKMS",   "correspondenceAddress": {     "appartament": null,     "building": "1",     "county": null,     "eldership": " Seniūnijos sen.",     "housingNo": null,     "locality": null,     "municipality": " Vilniaus r. sav.",     "street": "Gatvės g."   },   "notes": null,   "objects": [     {       "auctionDate": "2021-07-05",       "contractModel": "2S2S",       "ntGetCoownerConsent": false,       "objectNtr": null,       "objectNtrDate": null,       "objectNumber": "12345678",       "payoffMethod": "M",       "tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklą",       "timeZone": "4",       "uniqueRoomNo": null     }   ],   "ownerInfo": {     "birthDate": null,     "contacts": {       "email2Network": "vardas.pavarde@imone1.lt",       "emailInvoice": "vardas.pavarde@imone2.lt", </pre>	<pre> {   "notificationId": [id kuriasi vis nauji] } </pre>

<pre> "emailNetwork": "yardas.pavarde@imone.lt", "mobPhoneNo2Network": "+37069876543", "mobPhoneNoInvoice": "+37066565656", "mobPhoneNoNetwork": "+37061234567", "telPhoneNoNetwork": "+37051212121" }, "name": "UAB \"UAB\"", "personCode": "123456720", "subjectType": "JAS", "surname": null, "vatCode": null }, "supplierContractNo": null } </pre>	
<p><b>Possible request 3</b></p>	<p><b>Possible response data 3</b></p>
<p><b>ChangeType – STK</b></p> <pre> { "consentSign": true, "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]", "contractType": "SKMS", "correspondenceAddress": { "apartment": "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, </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

```
"objectNtr": "97/12344",
"objectNtrDate": "2021-01-01",
"objectNumber": "22222222",
"payoffMethod": null,
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklą",
"timeZone": "4",
"uniqueRoomNo": null
},
{
"auctionDate": "2021-01-01",
"contractModel": "BSS",
"ntGetCoownerConsent": false,
"objectNtr": null,
"objectNtrDate": null,
"objectNumber": "33333333",
"payoffMethod": "P",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklą",
"timeZone": "4",
"uniqueRoomNo": null
}
],
"ownerInfo": {
"birthDate": "1960-01-01",
"contacts": {
"email2Network": null,
"emailInvoice": "vardas.pavarde@ukininkas.lt",
"emailNetwork": "vardas.pavarde@ukininkas.lt",
"mobPhoneNo2Network": null,
"mobPhoneNoInvoice": null,
"mobPhoneNoNetwork": "+37061234567",
"telPhoneNoNetwork": null
},
"name": "Vardas",
"personCode": "5555555555",
"subjectType": "FAS",
"surname": "Pavardė",
"vatCode": "1414141414"
```

```
},
"supplierContractNo": "Numeris-123"
}
```

#### Possible request 4

##### ChangeType – STK

```
{
  "consentSign": true,
  "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]",
  "contractType": "SKMS",
  "correspondenceAddress": {
    "apartment": 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,
      "objectNumber": "444444444",
      "payoffMethod": null,
      "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams,
gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
      "timeZone": null,
      "uniqueRoomNo": null
    }
  ],
  "ownerInfo": {
```

#### Possible response data 4

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

```
"birthDate": null,
"contacts": {
  "email2Network": null,
  "emailInvoice": "vardas.pavarde@imone.lt",
  "emailNetwork": "vardas.pavarde@imone.lt",
  "mobPhoneNo2Network": null,
  "mobPhoneNoInvoice": null,
  "mobPhoneNoNetwork": "+37061234567",
  "telPhoneNoNetwork": null
},
"name": "UAB \"Imonė\"",
"personCode": "888888888",
"subjectType": "JAS",
"surname": null,
"vatCode": null
},
"supplierContractNo": "Numeris-321"
}
```



## 6.14.4 Method cancel

Resource description	
<b>Definition</b>	Metodas skirtas atšaukti sutarties savininko keitimo pranešimą.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST/contract-data/cancel-contract-change-notification/{notificationId}</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api-v2.eso.lt/swagger-ui.html">https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</a>

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

## 6.15 Access rights controller - old

### 6.15.1 Method data-access-rights

Resource description	
<b>Definition</b>	<p>The supplier can grant rights by his self to access clients historical data if has client agreement.</p> <p>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.</p>
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /client/data-access-rights (new)</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/client/data-access-rights">https://dh-sandbox-api.eso.lt/mock/client/data-access-rights</a>

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

Possible Request for method							
No.	objectNumber	customerId	expires	contactEmail	contactPhone	contactNotes	clientPer mission

1	6000 0	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	4000 0	798765432 10	2020 -11- 01	<u>Vardenis</u> <u>Pavardeni</u> <u>s4@gmai</u> <u>l.com</u>	+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 <b>HTTP 201 Created</b> message is returned
2	if the request is not successful, one of the error will occur.

### 6.15.2 Method granted-objects

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

#### 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 Pavarde nis4	2020-11-01	Vardenis@gmail.com	+37066699999	Test Note	2020-10-01	ES OS	2020-10-01
22222	60000	Plytinės g. 8B, Bajorai, Vilniaus., 3000 Vilniaus m. sav.	3	AB Company	2021-08-20	company@domain.com	+3705123456	Contact by phone	2020-08-05	DH	2020-08-01

### 6.15.3 Method data-access-rights/delete

Resource description	
<b>Definition</b>	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.
<b>Detailed description of method in API documentation (ENG)</b>	<a href="#">POST /client/data-access-rights/delete (new)</a>
<b>Request URL</b>	<a href="https://dh-sandbox-api.eso.lt/mock/client/data-access-rights/delete">https://dh-sandbox-api.eso.lt/mock/client/data-access-rights/delete</a>

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.*