

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">• GET /gateway/supplier/v3/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string} |
| 1.2 | 2021-05-10 | (will be deployed in next sprint) Rename "contractType" to "contractModel" and added new json fields: "clientName", "contractType", "currentSupplierType" in: <ul style="list-style-type: none">• Method client objects information |
| 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"> • Method contract-termination-details (possible response data) • Method contract-termination-notification (possible request) |
| 1.8 | 2021-11-29 | The structure of the sample data has been changed to json format: <ul style="list-style-type: none"> • contract change notification controller |
| 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"> Added the new sandbox method: „POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}“ Changed the controller name from “Contract object controller” into “Object controller” Changed url from “POST /gateway/contract-object/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}” into “POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}” |
| 2.5 | 2022-01-24 | <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"> POST /gateway/notification/contract/tariff-plan/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} POST /gateway/notification/contract/tariff-plan POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel <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"> • POST /gateway/notification/contract/contact/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} • POST /gateway/notification/contract/contact • POST /gateway/notification/{notificationId}/contract/contact/cancel |
| 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"> • POST /gateway/notification/contract/termination/list?first={integer}&count={integer}&sortOrder={ASC/DSC} • POST /gateway/notification/contract/termination • POST /gateway/notification/{notificationId}/contract/termination/cancel |
| 2.7 | 2022-01-24 | <p>Added new controller “Notification contract controller”.</p> <ul style="list-style-type: none"> ▪ Methods in this controller are very similar to method in controller „Contract change notification controller“. ▪ Note: The controller “Contract change notification controller” and its methods will be eliminated after “Notification contract controller” implementation date + 6 months. |
| 2.8 | 2022-01-28 | <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"> • POST /gateway/notification/contract/termination/list?first={integer}&count={integer}&sortOrder={ASC/DSC} |
| 3.0 | 2022-01-31 | <p>Added errorType in method:</p> <ul style="list-style-type: none"> • POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC} |
| 3.1 | 2022-03-09 | <p>Added method:</p> <ul style="list-style-type: none"> • POST /gateway/declaration/reading/list |
| 3.2 | 2022-03-09 | <p>Prepared methods for 2s2s report:</p> <ul style="list-style-type: none"> • Method POST/gateway/order/list • Method POST/gateway/order/{orderShortName} • Method GET/gateway/order/{orderId}/2s2s • Method GET/gateway/order/{orderId}/{orderShortName}/count |
| 3.3 | 2022-03-14 | <p>Prepared methods for 2s2s report:</p> <ul style="list-style-type: none"> • Method POST/gateway/order/list • Method POST/gateway/order/{orderShortName} • Method GET/gateway/order/{orderId}/2s2s |
| 3.4 | 2022-03-23 | <p>Prepared a few methods for hr-object and hr-meter reports:</p> <ul style="list-style-type: none"> • POST/gateway/order/{hrOrderShortName}; • POST/gateway/order/list |

| Version | Date | Description |
|---------|------------|---|
| 3.5 | 2022-04-12 | <p>Prepared methods for report-obj:</p> <ul style="list-style-type: none"> • GET/gateway/order/{orderId}/report – obj • POST/gateway/order/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} – request 5, response 5 • POST/gateway/order/{orderShortName} – request 2, response 2 |
| 3.6 | 2022-04-22 | <p>Deleted method for Data orders controller:</p> <ul style="list-style-type: none"> • Method data-orders <p>Deleted methods for Report controller:</p> <ul style="list-style-type: none"> • Method accounting-data-pack-b2b • Method accounting-data-pack-b2b-count |
| 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"> • POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC} • POST /gateway/notification/contract |

| Version | Date | Description |
|---------|------------|--|
| 4.0 | 2022-06-28 | <p>Removed sandbox:</p> <ul style="list-style-type: none"> GET /gateway/supplier/v2/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string} <p>Removed sandbox from „Supplier change notification controller“.</p> <ul style="list-style-type: none"> POST /supplier/v2/supplier-change-notifications (new) POST /supplier/cancel-supplier-change-notification POST /supplier/client/client-objects-information (new) <p>Prepared methods for access right controller (new)</p> <ul style="list-style-type: none"> POST /gateway/access-right/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} POST /gateway/access-right POST /gateway/access-right/{accessRightId}/cancel |
| 4.1 | 2022-07-20 | <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> |

| Version | Date | Description |
|---------|------------|--|
| 4.4 | 2022-08-31 | <p>Restored the parameter objectNumbers into objectNumber in all possible requests in method:</p> <ul style="list-style-type: none"> • POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} |
| 4.5 | 2022-09-02 | <p>Edited possible response 2 in method:</p> <ul style="list-style-type: none"> • POST /gateway/object/my/active/list <p>Edited possible response 2 in method:</p> <ul style="list-style-type: none"> • POST /gateway/notification/contract/object/supply-state/list?first={integer}&count={integer}&sortOrder={ASC/DSC} <p>Edited possible requests 1 and 2 in method:</p> <ul style="list-style-type: none"> • POST /gateway/notification/contract/object/supply-state <p>Edited possible request 1 in method:</p> <ul style="list-style-type: none"> • POST /gateway/notification/{notificationId}/contract/object/supply-state/cancel <p>Changes are marked in blue.</p> |

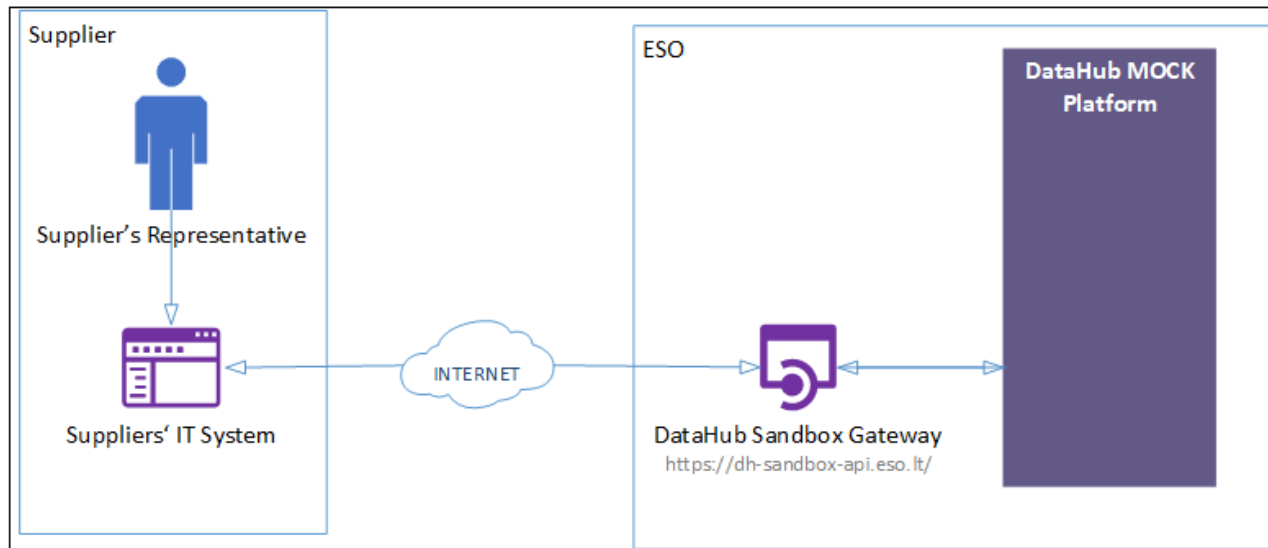
2. Preface

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 | https://dh-sandbox-api.eso.lt | https://dh-sandbox-api.eso.lt/swagger-ui.html | - |

4. Suppliers digital certifications

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

To get started:

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

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

| 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)

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

| Possible request 1 | Possible response data 1 |
|---|--|
| <pre>{ "objectNumber": "11111111", "cdcDateTimeFrom": "2022-02-25T10:15:30+02:00", "cdcDateTimeTo": "2022-03-01T10:15:30+02:00" }</pre> | <pre>[{ "objectNumber": "11111111", "cdcDateTime": "2022-03-01T09:15:30+02:00", "meters": [{ "conversionPoss": false, "meterNumber": "11111", "meterScaleLength": 8, "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 | |
|--|---|
| Definition | The method is intended to provide readings of the scale declared by the object. The readings are given at the object level, so all counters on the full scale must be presented at the same time. |
| Detailed description of method in API documentation (ENG) | POST /gateway/supplier/send-declaration-data |
| Request URL | https://dh-sandbox-api.eso.lt/gateway/supplier/send-declaration-data |

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

| Possible request 1 | Possible response data 1 |
|--|---|
| <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>Possible request 2</p> | <p>Possible response data 2</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>Possible request 3</p> | <p>Possible response data 3</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 | |
|--|---|
| Definition | <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> |
| Detailed description of method in API documentation (ENG) | POST /gateway/access-right |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

| | |
|---|--|
| <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>Possible request 2</p> | <p>Possible response data 2</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 | |
|--|--|
| Definition | The supplier may remove the rights granted to him. He granted the rights himself with the client's permission, or the rights were granted to him by the client through ESO-S. The supplier can remove remove on rights which was granted by himself. |
| Detailed description of method in API documentation (ENG) | POST /gateway/access-right/{accessRightId}/cancel |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

6.3 Data orders controller

6.3.1 Method data-orders/{orderId}/data





| Resource description | |
|--|---|
| Definition | 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. |
| Detailed description of method in API documentation (ENG) | GET /data/data-orders/{orderId}/data |
| Request URL | https://dh-sandbox-api.eso.lt/mock/data/data-orders/{orderId}/data |

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 | |
|--|---|
| Definition | Report which will return accounting data in meters level for Household customers. If household client object has two meters, this method will return list of two items. |
| Detailed description of method in API documentation (ENG) | POST /reports/accounting-data-pack-b2c?first={integer}&count={integer} . Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html . |
| Request URL | https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2c?first={integer}&count={integer} |

6.4.2 Method accounting-data-pack-b2c-count

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

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

| Resource description | |
|----------------------|--|
|----------------------|--|

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

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

| | |
|--|---|
| Resource description | |
| Definition | Method which will return count (number), how many items Supplier will get in „POST /reports/accounting-data-pack-b2b-meters-level“ report (reports could have more than 1 item, so it is List). It should be used when supplier need to split data in few portions. This response should be used in „POST /reports/accounting-data-pack-b2b-meters-level“ method request, where Supplier can provide method parameters information. |
| Detailed description of method in API documentation (ENG) | POST /reports/accounting-data-pack-b2b-meters-level-count |
| Request URL | https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level-count |

6.4.5 Method objects-data-pack

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

6.4.6 Method objects-data-pack-count

| |
|-----------------------------|
| Resource description |
|-----------------------------|

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

6.5 Object controller

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

| Resource description | |
|--|--|
| Definition | The method is designed to obtain a list of valid objects in the contract according to the selection criteria. The method will be used before performing: <ul style="list-style-type: none">- owner change process- contract termination process- tariff plan change process |
| Detailed description of method in API documentation (ENG) | POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html . |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response data 1 |
|---|--|
| <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, }]</pre> |

```
}
```

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

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



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

Possible request 2

Possible response data 2

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

```
[
  {
    "objectNumber": "11111111",
    "objectAddress": "Vilniaus g. 1, Vilnius",
    "objectName": "Daugiabutis namas,laiptinė",
    "objectType": "Butas",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": null,
    "ownershipDocumentDate": null,
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 1,
    "scalesAmount": 2,
    "metersAmount": 2,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2021-10-01",
      "contractEnd": null,
      "contractModel": "BSS"
    },
    "objectStates": [
      {
        "stateType": "VBS",
        "state": "V",
        "stateValidFrom": "1990-01-01",
        "stateValidTo": null
      },
      {
        "stateType": "ETB",
        "state": "T",
        "stateValidFrom": "1990-01-01",
        "stateValidTo": null
      }
    ],
    "voltage": 0.4,
    "powerPlantType": null,
    "objectPowers": [
```

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

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

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

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

```
"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,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "supplier": {
    "supplierType": "NT",
```

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

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

```
}
],
"generatingObject": {
  "generatingObjectType": "G",
  "payoffMethod": "E",
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "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,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
  }
}
```

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

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

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



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

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

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

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

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

```
    "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,
    "payoffMethod": null,
    "generatingObjectTypeFrom": null,
    "generatingObjectTypeTo": null
  },
  "tariff": {
    "tariffPlan": null,
    "timeZone": "N",
    "tariffPlanChangeDate": null
  },
}
```

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

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



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

```
},
"generatingObject": {
  "generatingObjectType": "G",
  "payoffMethod": "M",
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Namai 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": "Iřmanusis",
  "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": "Pavardė7",
  "personCode": "*****777",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
```

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



```
"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,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
  }
}
```

| | |
|--|-----------------|
| | <pre> }]</pre> |
|--|-----------------|

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

| Resource description | |
|--|---|
| Definition | <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"> - Owner and supplier change process - Supply change process |
| Detailed description of method in API documentation (ENG) | <p>POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}</p> <p>Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.</p> |
| Request URL | <p>https://dh-sandbox-api-v2.eso.lt/swagger-ui.html</p> |

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

```
{
  "consumerCode": null,
  "meterNumber": null,
  "objectDataConsentSign": true,
  "objectNumber": null,
  "personCode": "12345678910"
}
```

```
[
  {
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "*****910",
    "consumerCode": "12121212",
    "objectNumber": "98765432",
    "meters": [
      {
        "meterNumber": "1234"
      },
      {
        "meterNumber": "12345"
      }
    ],
    "objectAddress": "Kauno g. 1, Kaunas",
    "contractType": "SBTS",
    "contractModel": "BSS",
    "supplierType": "NT",
    "timeLimitedObjectValidTo": null,
    "tariffPlan": "Standartinis",
    "timeZone": "2",
    "generatingObjectType": null,
    "payoffMethod": null,
    "ownershipDocumentNumber": null,
    "supplyOwnership": "MY",
    "contractStart": "2022-01-01",
    "contractEnd": "2025-08-31"
  },
  {
    "objectFutureSuppliers": [
      {
        "supplierCode": "123456789",
        "supplierName": "Tiekėjas1",
        "contractStart": "2025-09-01",

```

```
"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, "objectNumber": 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": "Pavardė1",
  "personCode": "*****345",
  "consumerCode": "88888888",
  "objectNumber": "76767676",
  "meters": [
    {
      "meterNumber": "4321"
    }
  ],
  "objectAddress": "Nidos g., 1, Nida",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "NT",
  "timeLimitedObjectValidTo": "2200-10-01",
  "tariffPlan": "Namai plus",
  "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> |
| Possible request 3 | Possible response data 3 |
| <pre> { "consumerCode": "77777777", "meterNumber": null, "objectDataConsentSign": true, "objectNumber": 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": "77777777",
  "objectNumber": "33333333",
  "meters": [
    {
      "meterNumber": "10102"
    }
  ],
  "objectAddress": "Laisvės pr. 2 00002 Vilnius",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "VT",
  "timeLimitedObjectValidTo": null,
  "tariffPlan": "Namai plius",
  "timeZone": "2",
```

```
"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> |
| Possible request 4 | Possible response data 4 |
| <pre> { "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, "objectNumber": "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 | |
|--|---|
| Definition | The method is designed to obtain a list of valid contracts according to the selection criteria. |
| Detailed description of method in API documentation (ENG) | POST /gateway/contract/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response data 1 |
|--|--|
| <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> |
| Possible request 2 | Possible response data 2 |
| <pre> { "personCode": "22222222", "consumerCode": "222222", "objectNumber": null, "meterNumber": null } </pre> | <pre> [{ "consumerCode":"222222", "contractType":"SKMS", "personName":"Įmonės pavadinimas", "personSurname":null, "personCode":"22222222", "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> |

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

6.7 Notification contract controller - new

6.7.1 Method POST /gateway/notification/contract/list

Resource description

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

| Possible request 1 | Possible response data 1 |
|--|--|
| <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> |
| Possible request 2 | Possible response data 2 |
| <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> |
| Possible request 3 | Possible response data 3 |

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

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

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


| | |
|--|--|
| | <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> |
| Possible request 4 | Possible response data 4 |

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

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

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

| | |
|--------------------|--|
| | <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>Possible request 6</p> | <p>Possible response data 6</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>Possible request 7</p> | <p>Possible response data 7</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>Possible request 8</p> | <p>Possible response data 8</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": "Vilnelės g. 1, Kaunas",
  "street": "Vilnelės g.",
  "building": "1",
  "housingNo": null,
  "apartment": null,
  "locality": "Kaunas",
  "eldership": null,
  "municipality": null,
  "county": null
},
"ownerInfo": {
  "subjectType": "FAS",
  "personName": "Vardenis22",
  "personSurname": "Pavardenis22",
  "personCode": null,
  "birthDate": "2005-11-10T00:00:00",
  "vatCode": null,
  "representativeName": null,
  "representativeSurname": null,
  "representativeDuty": null,
  "contacts": {
    "mobPhoneNoNetwork": "+37066666666",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "telPhoneNoNetwork": null,
    "emailNetwork": "vardas.pavarde@pastas.lt",
    "email2Network": null,
    "emailInvoice": null
  }
},
"contractNotificationStatus": [
  {
    "status": "IV",
    "statusDate": "2022-04-20T13:20:15.906569"
  }
],
```

```
{
  "status": "V",
  "statusDate": "2022-04-20T13:10:15.906569"
},
{
  "status": "I",
  "statusDate": "2022-04-20T13:08:15.906569"
},
{
  "status": "P",
  "statusDate": "2022-04-20T12:08:15.906569"
}
],
"objects": [
  {
    "objectNumber": "88888866",
    "objectAddress": "Vilnelės g. 1, Kaunas",
    "contractModel": "BSS",
    "tariffPlan": "Namai 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": "Vilnelės 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 | |
|--|--|
| Definition | The method is for NT to transfer contract owner / contract owner and supplier / supplier changes to DataHub. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/contract |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response data 1 |
|--|---|
| <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>Possible request 2</p> | <p>Possible response data 2</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>Possible request 4</p> | <p>Possible response data 4</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": "888888888",
"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 \u0177mon\u0117\u0117",
  "subjectType": "JAS",
  "vatCode": null,
  "representativeName": null,
  "representativeSurname": null,
  "representativeDuty": null
},
"supplierContractNo": "Numeris-666"
}

```

Possible request 7

```

{
  "changeType": "NTK",
  "consentSign": true,
  "contractStart": "2022-11-01",
  "contractType": "SBTS",
  "correspondenceAddress": {
    "apartment": null,
    "building": null,
    "county": null,
    "eldership": null,
    "housingNo": null,
    "locality": null,

```

Possible response data 7

```

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

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

6.8 Notification contract termination controller

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

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

| Possible request 1 | Possible response data 1 |
|---|---|
| { "personCode": "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>Possible request 2</p> | <p>Possible response data 2</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>Possible request 3</p> | <p>Possible response data 3</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

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

| Possible request 1 | Possible response data 1 |
|--|---|
| <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 | |
|--|---|
| Definition | The method is to cancel the contract termination notification. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/{notificationId}/contract/termination/cancel |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

6.9 Notification contract tariff plan controller

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

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

| Possible request 1 | Possible response data 1 |
|---|--|
| <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 | |
|--|---|
| Definition | The method is for independent supplier to transfer the tariff plan change to DataHub. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/contract/tariff-plan |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

| | |
|--|---|
| <pre>"objects":[{ "objectNumber": "11111111", "newTariffPlan": "Standartinis", "newTimeZone": "2" }]</pre> | <pre>}</pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <pre>{ "consentSign": true, "objects":[{ "objectNumber": "22222222", "newTariffPlan": null, "newTimeZone": "2" }] }</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |
| <p>Possible request 3</p> | <p>Possible response data 3</p> |
| <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 | |
|--|---|
| Definition | The method is intended to cancel the tariff plan change. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/{notificationId}/contract/tariff-plan/cancel |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

6.10 Notification contract contact controller

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

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

| 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>Possible request 2</p> | <p>Possible response data 2</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 | |
|--|---|
| Definition | The method is for independent supplier to transfer the contact change to DataHub. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/contract/contact |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response data 1 |
|--|---|
| <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 | |
|--|---|
| Definition | The method is intended to cancel the contact change. |
| Detailed description of method in API | POST /gateway/notification/{notificationId}/contract/contact/cancel |

| | |
|----------------------------|---|
| documentation (ENG) | |
| letalRequest URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

6.11 Order controller

6.11.1 Method POST/gateway/order/list

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

| 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>Possible request 2</p> | <p>Possible response data 2</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\": \"HOURL\"}", "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\": \"HOURL\"}", "latestStatus": "IV", "statusDate": "2022-03-01T11:01:00", "expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }] </pre> |
|--|---|

| | |
|---------------------------|----------------------------|
| Possible request 5 | Possible response 5 |
|---------------------------|----------------------------|

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

| Possible request 1 | Possible response data 1 |
|---|--|
| <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":"HOURL" }</pre> | <pre>{ "orderId": [id kuriasi vis nauji] }</pre> |
| Possible request 3 | Possible response 3 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+"], "objectNumbers":["33333333"], "interval":"HOURL" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 4 | Possible response 4 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers":["44444444"], "interval":"HOURL" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 5 | Possible response 5 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers":["55555555"], "interval":"HOURL" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 6 | Possible response 6 |

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

6.11.3 Method POST/gateway/order/{orderShortName}

| Resource description | |
|--------------------------------|--------------------------------------|
| Definition | Method will order the chosen report. |
| Detailed description of | POST/gateway/order/{orderShortName } |

| | |
|--|---|
| method in API documentation (ENG) | |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| 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 | |
|----------------------|---|
| Definition | The method is designed to obtain fifteen minute / hour report data. |

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

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

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

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

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

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

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

| Possible request 1 | Possible response data 1 | Possible response data 1 (continuation) |
|----------------------------------|--|---|
| { "orderId": "100001" } | [{ "vatInvoiceNumber": "00017996", "vatInvoiceSeries": "EASS", "objects": [{ "contractType": "SKMS", | { "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
                }
            ]
        }
    ]
}
]
}

```


| | | |
|--|---|---|
| | <pre> "vatInvoiceSeries": "EASS", "objects": [{ "contractType": "SKMS", "consumerCode": "222222", "personCode": "222222222222", "personName": "Vardas 1", "personSurname": "Pavardė 1", "objectId": "2222221", "objectNumber": "22222221", "objectName": "Snadėlys", "objectTypeName": "Žemės ūkio paskirties objektai", "objectAddress": "Adresas 3", "autoMetersAmount": 0, "products": [{ "generatingObjectType": null, "billingPeriod": "2022-01-01T00:00:00", "tariffPlan": null, "productCode": "D_MIN_APKRSTO", "productName": "El. en. persiuntimas dif. min. apkrovų tarifu", "productType": "MI", "consumptionCategory": "P+", "consumptionAmount": 0, "unit": "kWh", "oldIndependentSupplier": null, "permissiblePowerConsumption": 46, "permissiblePowerGeneration": null }, { "generatingObjectType": null, "billingPeriod": "2022-01-01T00:00:00", "tariffPlan": null, "productCode": "D_SVSTO", "productName": "El. en. persiuntimas dif. šeštadienio, sekmadienio ir švenčių tarifu", "productType": "SV", "consumptionCategory": "P+", "consumptionAmount": 0, "unit": "kWh", "oldIndependentSupplier": null, "permissiblePowerConsumption": 46, "permissiblePowerGeneration": null }] }] </pre> | <pre>] }, { "vatInvoiceNumber": "00036340", "vatInvoiceSeries": "EASS", "objects": [{ "contractType": "SKMS", "consumerCode": "444444", "personCode": "4444444444", "personName": "Įmonės pavadinimas 2", "personSurname": null, "objectId": "4444444", "objectNumber": "44444444", "objectName": "GAMYBINĖS PATALPOS", "objectTypeName": "Gamybinės, pramoninės paskirties objektai (arba statiniai)", "objectAddress": "Adresas 8", "autoMetersAmount": 1, "products": [{ "generatingObjectType": null, "billingPeriod": "2022-01-01T00:00:00", "tariffPlan": null, "productCode": "D_MIN_APKRSTO", "productName": "El. en. persiuntimas dif. min. apkrovų tarifu", "productType": "MI", "consumptionCategory": "P+", "consumptionAmount": 9195, "unit": "kWh", "oldIndependentSupplier": null, "permissiblePowerConsumption": 172, "permissiblePowerGeneration": null }, { "generatingObjectType": null, "billingPeriod": "2022-01-01T00:00:00", "tariffPlan": null, "productCode": "D_SVSTO", "productName": "El. en. persiuntimas dif. šeštadienio, sekmadienio ir švenčių tarifu", "productType": "SV", "consumptionCategory": "P+", "consumptionAmount": 6216, </pre> |
|--|---|---|

| | | |
|--|---|--|
| | <pre> { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"D_VID_APKRSTO", "productName":"El. en. persiuntimas dif. vid. apkrovų tarifu", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"MAKSSTO", "productName":"El. en. persiuntimas dif. maksim. apkrovų tarifu", "productType":"MA", "consumptionCategory":"P+", "consumptionAmount":10, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"REAKT_GEN", "productName":"Reaktyviosios el. en. generavimas", "productType":"RG", "consumptionCategory":"Q-", "consumptionAmount":1, "unit":"kVArh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null }, { "generatingObjectType":null, </pre> | <pre> "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"D_VID_APKRSTO", "productName":"El. en. persiuntimas dif. vid. apkrovų tarifu", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":12908, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"MAKSSTO", "productName":"El. en. persiuntimas dif. maksim. apkrovų tarifu", "productType":"MA", "consumptionCategory":"P+", "consumptionAmount":5889, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"REAKT_GEN", "productName":"Reaktyviosios el. en. generavimas", "productType":"RG", "consumptionCategory":"Q-", "consumptionAmount":0, "unit":"kVArh", "oldIndependentSupplier":null, </pre> |
|--|---|--|

```
"billingPeriod":"2022-01-01T00:00:00",
"tariffPlan":null,
"productCode":"REAKT_VART",
"productName":"Reaktyviosios el. en. vartojimas",
"productType":"RV",
"consumptionCategory":"Q+",
"consumptionAmount":54,
"unit":"kVArh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":46,
"permissiblePowerGeneration":null
}
],
{
"contractType":"SKMS",
"consumerCode":"222222",
"personCode":"222222222222",
"personName":"Vardas1",
"personSurname":"Pavardė1",
"objectId":222222,
"objectNumber":"22222222",
"objectName":"GYVENAMAS NAMAS",
"objectTypeName":"Namai",
"objectAddress":"Adresas 4",
"autoMetersAmount":0,
"products":[
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"tariffPlan":null,
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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> |
|--|--|---|

| | | |
|--|--|---|
| | | <pre> "objectId":9999999 }] }] </pre> |
|--|--|---|

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

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

| 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 |
|----------------------|
| |

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

6.12 Notification cancellation controller

6.12.1 POST /gateway/notification/cancellation/list

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

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

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

| Possible request 1 | Possible response data 1 |
|--|---|
| <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 | |
|--|---|
| Definition | The method is designed to cancel cancelation request |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/{notificationId}/cancellation/cancel |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

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

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

| Possible request 1 | Possible response data 1 |
|---|--|
| <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> |

```
gateway/object/my/active/list "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

```
{
  "notificationId": null,
  "personCode": null,
  "consumerCode": "12121212",
  "objectNumber": null,
  "objectAddressSearch": null,
  "changeType": [
    "C"
  ],
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "contractType": null,
  "contractModel": null,
  "userNameSearch": null
}
```

Possible response data 2

```
[
  {
    "notificationId": 10000002,
    "changeType": "C",
    "notes": null,
    "submittedDate": "2022-07-01T10:00:00",
    "latestStatus": "IV",
    "errorType": null,
    "userName": "Naudotojo vardas1",
    "currentObjectData": {
      "objectNumber": "98765432",
      "objectAddress": "Kauno g. 1, Kaunas",
      "personName": "Vardas",
      "personSurname": "Pavardė",
      "personCode": "*****910",
      "consumerCode": "12121212",
      "contractType": "SBTS",
      "contractModel": "BSS",
      "objectSupplyState": "P",
      "objectSupplyStateValidFrom": "2021-01-01T00:00:00",
      "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": "P",
  "errorType": null,
  "userName": "Naudotojo vardas1",
  "currentObjectData": {
    "objectNumber": "14725836",
    "objectAddress": "Kauno g. 2, Kaunas",
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "*****111",
    "consumerCode": "12121212",
    "contractType": "SBTS",
```

| | |
|--|--|
| | <pre> "contractModel":"BSS", "objectSupplyState":"T", "objectSupplyStateValidFrom":"2022-01-01T00:00:00", "objectSupplyStateValidTo":null, "sociallyVulnerable":false }, "supplyStateNotificationStatus":[{ "status":"P", "statusDate":"2022-07-01T08:58:00" }] }] </pre> |
|--|--|

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

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

| Possible request 1 | Possible response data 1 |
|---|---|
| <pre>{ "changeType":"D", "notes": null, "consentSign": true, "objectNumber":"88888866" }</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |
| Possible request 2 | Possible response data 2 |
| <pre>{ "changeType":"C", "notes":"Prašymas prijungti", "consentSign": true, "objectNumber":"11111111" }</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |

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

| Resource description | |
|--|---|
| Definition | The method is to cancel the disconnection/connection notification. |
| Detailed description of method in API documentation (ENG) | POST /gateway/notification/{notificationId}/contract/object/supply-state/cancel |

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

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

6.14 Contract change notification controller - old

6.14.1 Method object-list

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

| Possible request 1 | Possible response data 1 |
|--|---------------------------|
| { "consumerCode": null, "meterNumber": null, | ChangeType SK [|


```
"objectDataConsentSign": true,  
"objectNumber": null,  
"personCode": "12345678910"  
}
```

```
{  
  "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",  
  "contractModel": "BSS",  
  "supplierType": null,  
  "timeLimitedObjectValidTo": null,  
  "tariffPlan": "Standartinis",  
  "timeZone": "2",  
  "generatingObjectType": "G",
```

| | |
|---|--|
| | <pre>"payoffMethod": "G", "ownershipDocumentNumber": null }]</pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <pre>{ "consumerCode": null, "meterNumber": "4321", "objectDataConsentSign": true, "objectNumber": null, "personCode": null }</pre> | <p>ChangeType SK</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" }, { "name": "Vardas1", "surname": "Pavardė1", "personCode": "*****345", "consumerCode": "88888888", "objectNumber": "76767676",</pre> |

| | |
|---|---|
| | <pre> "meterNumber": "4321", "objectAddress": "Nidos g., 1, Nida", "contractType": "SBTS", "contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": "2200-10-01T00:00:00", "tariffPlan": "Namai plius", "timeZone": "2", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": "123-ABC" }] </pre> |
| <p>Possible request 3</p> | <p>Possible response data 3</p> |
| <pre> { "consumerCode": "77777777", "meterNumber": null, "objectDataConsentSign": true, "objectNumber": null, "personCode": null } </pre> | <p>ChangeType STK</p> <pre> [{ "name": "Vardas", "surname": "Pavardė", "personCode": "*****123", "consumerCode": "77777777", "objectNumber": "22222222", "meterNumber": "10101", "objectAddress": "Laisvės pr. 1 00001 Vilnius", "contractType": "SBTS", "contractModel": "BSS", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "Išmanysis", "timeZone": "4", </pre> |

| | |
|--|---|
| | <pre> "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 plus", "timeZone": "2", "generatingObjectType": "G", "payoffMethod": "M", "ownershipDocumentNumber": null }] </pre> |
| <p>Possible request 4</p> | <p>Possible response data 4</p> |
| <pre> { "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, "objectNumber": "444444444", "personCode": null } </pre> | <p>ChangeType STK</p> <pre> [{ "name": "Įmonės pavadinimas", "surname": null, "personCode": "123456789", "consumerCode": "66666", </pre> |

| | |
|--|---|
| | <pre> "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 | |
|--|---|
| Definition | Metodas skirtas gauti sutarties savininko keitimo informaciją. |
| Detailed description of method in API documentation (ENG) | <p>GET/contract-data/contract-change-notification-details?first={integer}&count={integer}&sort={ASC/DSC}</p> <p>Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.</p> |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| 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", "personCode": "*****363", "birthDate": null, "vatCode": null, "contacts": { "mobPhoneNoNetwork": "+37061234567", "mobPhoneNo2Network": null, "mobPhoneNoInvoice": null, "telPhoneNoNetwork": null, </pre> |

```
"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"
}
}
]
```


| | |
|--|--|
| | <pre> }, { "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 } }] </pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <pre> { "contractStartFrom": null, "contractStartTo": null, "notificationId": null, "objectNumber": "60345678", "personCode": null, "status": "P", "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null } </pre> | <pre> [{ "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.", </pre> |

```
"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 tinklą",
"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": "Išmanusis",
"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

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

| Possible request 1 | Possible response data 1 |
|--|---|
| ChangeType - SK <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>ChangeType – SK</p> <pre>{ "consentSign": true, "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]", "contractType": "SKMS", "correspondenceAddress": { "apartment": 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>Possible request 3</p> | <p>Possible response data 3</p> |
| <p>ChangeType – STK</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 \u0170mon\u0117\"",
"personCode": "888888888",
"subjectType": "JAS",
"surname": null,
"vatCode": null
},
"supplierContractNo": "Numeris-321"
}
```

6.14.4 Method cancel

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

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

6.15 Access rights controller - old

6.15.1 Method data-access-rights

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

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 HTTP 201 Created message is returned |
| 2 | if the request is not successful, one of the error will occur. |

6.15.2 Method granted-objects

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

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 me by phone | 2020-08-05 | DH | 2020-08-01 |

6.15.3 Method data-access-rights/delete

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

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.