

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} |
| 4.2 | 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 |
| 4.3 | 2021-09-02 | (will be deployed in next sprint) Added contract data controller. |
| 1.4 | 2021-09-20 | Added notification contract termination controller. |
| 1.5 | 2021-10-08 | Added supplier change notification v2 controller |
| 1.6 | 2021-10-15 | The structure of the sample data has been changed to json format (notification contract termination controller, supplier change notification v2 controller). |
| 1.7 | 2021-10-27 | Added new json fields: "noCoowner", "ntGetCoownerConsent", "coownerConsentDate" in: <ul style="list-style-type: none">Method contract/termination/list (possible response data)Method contract/termination (possible request) |
| 1.8 | 2021-11-29 | The structure of the sample data has been changed to json format:<ul style="list-style-type: none">contract change notification controller |

| Version | Date | Description |
|---------|------------|---|
| 1.9 | 2021-12-14 | Added the new object controller |
| 2.0 | 2021-12-14 | Added the new notification tariff plan controller |
| 2.1 | 2021-12-22 | Added the new contract controller |
| 2.2 | 2021-12-22 | Added the new notification contract contact controller |
| 2.3 | 2021-12-22 | Added the new order controller |
| 2.4 | 2022-01-24 | <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> <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 | Changed „Contract termination notification controller“ into „Notification contract termination controller“. |

| Version | Date | Description |
|---------|------------|--|
| | | <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". It has not yet been implemented, only a change in the documentation.</p> |
| 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 |

| Version | Date | Description |
|---------|------------|--|
| 3.4 | 2022-03-23 | Prepared a few methods for hr-object and hr-meter reports: <ul style="list-style-type: none"> • POST/gateway/order/{hrOrderShortName}; • POST/gateway/order/list |
| 3.5 | 2022-04-12 | Prepared methods for report-obj: <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 | Deleted method for Data orders controller: <ul style="list-style-type: none"> • Method data-orders Deleted methods for Report controller: <ul style="list-style-type: none"> • Method accounting-data-pack-b2b • Method accounting-data-pack-b2b-count |
| 3.7 | 2022-04-27 | Added a new possible request (when „changeType“=“NTK“, contractType= "SBTS" or contractType= "SKMS") in the method {POST /gateway/notification/contract/list }. |
| 3.8. | 2022-04-28 | Added a new possible request (when „changeType“=“NTK“, contractType= "SBTS" or contractType= "SKMS") in the method {POST /gateway/notification/contract}. |
| 3.9. | 2022-06-03 | Added new attributes about representative in methods: <ul style="list-style-type: none"> • POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC} • POST /gateway/notification/contract |
| 4.0 | 2022-06-28 | Removed sandbox: <ul style="list-style-type: none"> • GET /gateway/supplier/v2/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string} Removed sandbox from „Supplier change notification controller“. <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) Prepared methods for access right controller (new) <ul style="list-style-type: none"> • POST /gateway/access-right/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC} • POST /gateway/access-right |

| Version | Date | Description |
|---------|------------|--|
| | | <ul style="list-style-type: none"> 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: 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> |
| 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> |
| 4.6 | 2022-09-30 | <p>Edited possible request 2 in method:</p> <ul style="list-style-type: none"> POST /gateway/notification/contract/object/supply-state |
| 4.7 | 2022-11-03 | <p>Removed sandbox: GET /data/data-orders/{orderId}/data / Data order controller</p> |
| 4.8 | 2022-11-04 | <p>Prepared methods for Order controller:</p> <ul style="list-style-type: none"> POST/gateway/order/data-hr-15min-mtr-lvl-acr POST/gateway/order/data-hr-15min-obj-lvl-acr |

| Version | Date | Description |
|---------|------------|---|
| | | <ul style="list-style-type: none"> • POST /gateway/order/data-sum-obj-lvl-acr • POST /gateway/order/report-obj-acr • GET /gateway/order/{orderId}/data-hr-15min-obj-lvl-acr?first={integer}&count={integer} • GET /gateway/order/{orderId}/data-hr-15min-mtr-lvl-acr?first={integer}&count={integer} • GET /gateway/order/{orderId}/report-obj-acr?first={integer}&count={integer} • GET /gateway/order/{orderId}/data-sum-obj-lvl-acr?first={integer}&count={integer} |
| 4.9 | 2022-11-15 | <p>Added new case:</p> <p>POST /gateway/object/all/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}</p> <ul style="list-style-type: none"> • request 5, response 5 • request 6, response 6 • request 8, response 8 <p>POST /gateway/object/my/active/list?first={integer}&count={integer}&sortKey={string}&sortOrder={ASC/DSC}</p> <ul style="list-style-type: none"> • request 3, response 3 • request 4, request 4 • request 6, response 6 <p>GET /gateway/supplier/v3/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}</p> <ul style="list-style-type: none"> • request 2, response 2 • request 3, response 3 • request 4, response 4 |
| 5.0 | 2022-11-22 | Removed sandbox: Access rights controller |

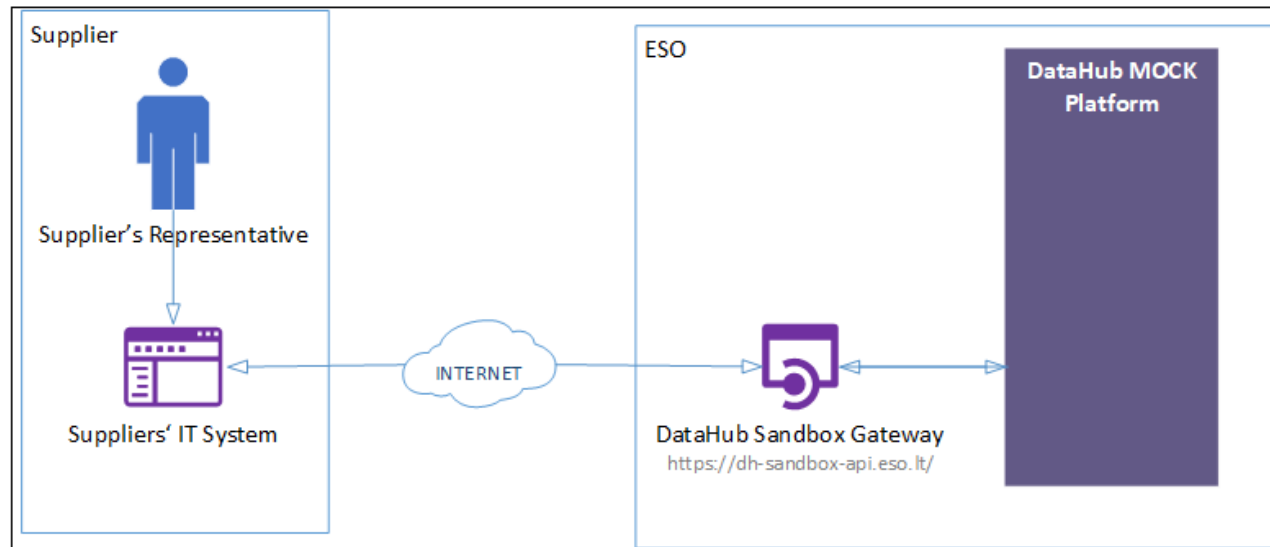
2. Preface

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

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

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

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



3. Environments

There are two DataHub Gateway environments the supplier might access:

- “Sandbox” environment
- Production environment

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

4. Suppliers digital certifications

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

To get started:

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

5. DataHub Gateway API documentation

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

5.1 Declaration controller

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

5.1.1 Method get-declaration-data (v3)

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

Possible request 1

```
{
  "objectNumber": "11111111"
}
```

Possible response data 1

```
[
  {
    "clientId": "11111111111",
    "customerId": "11111111",
    "clientName": "Vardas1 Pavardė1",
    "readings": [
      {
        "objectNumber": "11111111",
        "objectAddress": "Vilniaus g. 1, Vilnius",
        "counterNumber": "11111",
        "scaleMaxchar": 8,
        "conversionPoss": false,
        "scales": [
          {
            "scaleId": 5498879,
            "scaleIdentifier": "+WsumT2",
            "scaleType": "VK",
            "readingFromDate": "2022-02-28T23:59:00",
            "readingFrom": 40615,
            "readingMin": 40615,
            "readingSource": "V"
          }
        ]
      }
    ],
    "objectNumber": "11111111",
    "objectAddress": "Vilniaus g. 1, Vilnius",
    "counterNumber": "8888",
    "scaleMaxchar": 8,
    "conversionPoss": false,
    "scales": [
      {
        "scaleId": 5498880,
        "scaleIdentifier": "+WsumT4",
        "scaleType": "VK",
        "readingFromDate": "2022-02-28T23:59:00",
        "readingFrom": 49038,
        "readingMin": 49038,

```

```
        "readingSource": "V"
      }
    ]
  }
]

```

Possible request 2

Possible response data 2

```
{
  "objectNumber": "11193351",
  "customerId": "11001274"
}
```

```
[
  {
    "clientId": "11111111828",
    "customerId": "11001274",
    "clientName": "PAULIUS PAULAUSKAS",
    "readings": [
      {
        "objectNumber": "11193351",
        "objectAddress": "Gatvė g. 5, Vilnius",
        "counterNumber": "33606918",
        "scaleMaxchar": 7,
        "conversionPoss": false,
        "scales": [
          {
            "scaleId": 4260787,
            "scaleIdentifier": "DD",
            "scaleType": "VK",
            "readingFromDate": "2022-04-26T00:00:00",
            "readingFrom": 9033,
            "readingMin": 8741,
            "readingSource": "D"
          }
        ]
      }
    ]
  }
]
```

Possible request 3

```
{
  "objectNumber": "17056270"
}
```

Possible response data 3

```
[
  {
    "clientId": "110778344",
    "customerId": "11001277",
    "clientName": "UAB \u0177mon\u0117s pavadinimas 5\u0027",
    "readings": [
      {
        "objectNumber": "17056270",
        "objectAddress": "Gatv\u0117 g. 20, Kaunas",
        "counterNumber": "03898655",
        "scaleMaxchar": 7,
        "conversionPoss": false,
        "scales": [
          {
            "scaleId": 4519722,
            "scaleIdentifier": "DD",
            "scaleType": "DD",
            "readingFromDate": "2022-04-28T00:00:00",
            "readingFrom": 578874,
            "readingMin": 524633,
            "readingSource": "D"
          },
          {
            "scaleId": 4519723,
            "scaleIdentifier": "DN",
            "scaleType": "NK",
            "readingFromDate": "2022-04-28T00:00:00",
            "readingFrom": 457991,
            "readingMin": 412518,
            "readingSource": "D"
          }
        ]
      }
    ]
  }
]
```

Possible request 4

```
{
  "objectNumber": "74042555"
}
```

Possible response data 4

```
[
  {
    "clientId": "333989071",
    "customerId": "333107",
    "clientName": "Petraičio įmonė \\"{MONĖ\\"",
    "readings": [
      {
        "objectNumber": "74042555",
        "objectAddress": "Petraičio g. 16A, Kaunas",
        "counterNumber": "25780555",
        "scaleMaxchar": 7,
        "conversionPoss": false,
        "scales": [
          {
            "scaleId": 7674555,
            "scaleIdentifier": "VT",
            "scaleType": "VK",
            "readingFromDate": "2022-05-23T00:00:00",
            "readingFrom": 1096,
            "readingMin": 0,
            "readingSource": "P"
          }
        ]
      }
    ]
  }
]
```

5.1.2 Method POST /gateway/declaration/reading/list

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

| Possible request 1 | Possible response data 1 |
|---|---|
| <pre>{ "objectNumber": "11111111", "cdcDateTimeFrom": "2022-02-25T10:15:30+02:00", "cdcDateTimeTo": "2022-03-01T10:15:30+02:00" }</pre> | <pre>[{ "objectNumber": "11111111", "cdcDateTime": "2022-03-01T09:15:30+02:00", "meters": [{ "conversionPoss": false, "meterNumber": "11111", "meterScaleLength": 8, "meterAutomated": false, "readings": [{ "scaleId": 5498879, "scaleIdentifier": "+WsumT2", "scaleProduct": "VK", "readingFromDate": "2022-02-28T23:59:00", "readingMin": 40615, "readingFrom": 40615, "readingSource": "V" }] }], "conversionPoss": false, "meterNumber": "8888", "meterScaleLength": 8, "readings": [{ "scaleId": 5498880, "scaleIdentifier": "+WsumT4", "scaleProduct": "VK", "readingFromDate": "2022-02-28T23:59:00", "readingMin": 49038, "readingFrom": 49038, "readingSource": "V" }] }]</pre> |

5.1.3 Method send-declaration-data

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

| Possible request 1 | Possible response data 1 |
|---|--|
| <pre>[{ "dataWriteDate": "2022-09-30T11:10:29.616Z", "objectNumber": "11111111", "readings": [{ "reading": [{ "conversion": false, "readingTo": 40615, "sklId": 5498879 }, { "conversion": false, "readingTo": 49038, "sklId": 5498880 }] }] }]</pre> | <div style="border: 1px solid gray; height: 100px;"></div> |

5.2 Access right controller – new

5.2.1 POST/gateway/access-right/list

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

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

| Possible request 1 | Possible response data 1 |
|--|---|
| <pre>{ "accessRightSource": null, "accessRightId": null, "accessRightValidFrom": "2022-01-01", "accessRightValidTo": null, "consumerCode": null, "contractModel": "BSS", "contractType": "SBTS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": "11111111", "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null }</pre> | <pre>[{ "accessRightId": 100000, "accessRightValidFrom": "2022-04-03T15:17:07", "accessRightValidTo": "2025-09-01T23:59:59", "daysLeft": 1145, "accessRightSource": "DATAHUB", "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> |
| Possible request 2 | Possible response data 2 |
| <pre>{ "accessRightSource": null, "accessRightId": null,</pre> | <pre>[{ "accessRightId": 100001,</pre> |

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

```
"accessRightValidFrom": "2021-05-14T04:12:05",
"accessRightValidTo": "2025-05-17T00:00:00",
"daysLeft": 324,
"accessRightSource": "DATAHUB",
"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": "ĪMONĒ, UAB",
"personSurname": null,
"personCode": "22222222",
"consumerCode": "222222",
"accessRightPhoneNo": null,
"accessRightEmailAddress": null,
"accessRightNote": null
},
{
"accessRightId": 100007,
"accessRightValidFrom": "2022-06-22T17:17:05",
"accessRightValidTo": "2025-12-01T23:59:59",
"daysLeft": 157,
"accessRightSource": "DATAHUB",
"userName": "PUBLIC",
"objectNumber": "77777777",
"generatingObjectType": null,
"objectAddress": "Vilniaus g. 2, Vilnius",
"contractModel": "2S2S",
"supplierType": "NT",
"tariffPlan": null,
"timeZone": "N",
"powerPlantType": null,
"automationLevel": "NONE",
"contractType": "SKMS",
"personName": "UAB \"PAVADINIMAS\"",
"personSurname": null,
"personCode": "77777777",
"consumerCode": "77777",
"accessRightPhoneNo": "+37061234567",
```

```
"accessRightEmailAddress": "a@a.lt",
"accessRightNote": "pastaba"
},
{
  "accessRightId": 100008,
  "accessRightValidFrom": "2022-06-22T17:17:05",
  "accessRightValidTo": "2025-12-01T23:59:59",
  "daysLeft": 157,
  "accessRightSource": "DATAHUB",
  "userName": "PUBLIC",
  "objectNumber": "88888888",
  "generatingObjectType": null,
  "objectAddress": "Šiaulių g. 8, Šiauliai",
  "contractModel": "2S2S",
  "supplierType": "NT",
  "tariffPlan": "El. en. persiuntimo 1 planas III grupės
  vartotojams, gaunantiems elektros energiją iš žemosios
  įtampos elektros tinklų",
  "timeZone": "N",
  "powerPlantType": "S",
  "automationLevel": "NONE",
  "contractType": "SKMS",
  "personName": "UAB Įmonė8",
  "personSurname": null,
  "personCode": "888888881",
  "consumerCode": "66655",
  "accessRightPhoneNo": "+37061234567",
  "accessRightEmailAddress": "a@a.lt",
  "accessRightNote": "pastaba"
},
{
  "accessRightId": 100009,
  "accessRightValidFrom": "2022-06-22T17:17:05",
  "accessRightValidTo": "2025-12-01T23:59:59",
  "daysLeft": 157,
  "accessRightSource": "DATAHUB",
  "userName": "PUBLIC",
  "objectNumber": "99999999",
  "generatingObjectType": null,
  "objectAddress": "Telšių g. 12, Telšiai",
  "contractModel": "2S2S",
  "supplierType": "NT",
  "tariffPlan": "El. en. persiuntimo 1 planas III grupės
  vartotojams, gaunantiems elektros energiją iš žemosios
  įtampos elektros tinklų",
```

| | |
|--|--|
| | <pre> "timeZone": "VR", "powerPlantType": "S", "automationLevel": "NONE", "contractType": "SKMS", "personName": "Aukštoji mokykla", "personSurname": null, "personCode": "91111111", "consumerCode": "919191", "accessRightPhoneNo": "+37061234567", "accessRightEmailAddress": "a@a.lt", "accessRightNote": "pastaba" }] </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": "DATAHUB", "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", </pre> |

| | |
|---|---|
| | <pre> "daysLeft": 96, "accessRightSource": "DATAHUB", "userName": "PUBLIC", "objectNumber": "31313131", "generatingObjectType": null, "objectAddress": "Kauno g. 1, 11111 Kaunas", "contractModel": "BSS", "supplierType": "NT", "tariffPlan": "Pirmas planas", "timeZone": "2", "powerPlantType": null, "automationLevel": "FULL", "contractType": "SBTS", "personName": "Vardas3", "personSurname": "Pavardė3", "personCode": "*****910", "consumerCode": "31313131", "accessRightPhoneNo": "+37061234567", "accessRightEmailAddress": "a@a.lt", "accessRightNote": null }] </pre> |
| <p>Possible request 4</p> | <p>Possible response data 4</p> |
| <pre> { "accessRightSource": null, "accessRightId": null, "accessRightValidFrom": "2022-01-01", "accessRightValidTo": null, "consumerCode": null, "contractModel": "2S2S", "contractType": "SBTS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": "44444444", "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null } </pre> | <pre> [{ "accessRightId": 100004, "accessRightValidFrom": "2022-06-22T17:17:05", "accessRightValidTo": "2025-12-01T23:59:59", "daysLeft": 157, "accessRightSource": "DATAHUB", "userName": "PUBLIC", "objectNumber": "44444444", "generatingObjectType": null, "objectAddress": "Šiaulių g. 8, Šiauliai", "contractModel": "2S2S", "supplierType": "NT", "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų", "timeZone": "N", "powerPlantType": "S", "automationLevel": "NONE", "contractType": "SBTS", "personName": "Įmonės pavadinimas", </pre> |

| | |
|--|---|
| | <pre> "personSurname": null, "personCode": "123456789", "consumerCode": "66666", "accessRightPhoneNo": "+37061234567", "accessRightEmailAddress": "a@a.lt", "accessRightNote": "pastaba" }] </pre> |
| Possible request 5 | Possible response data 5 |
| <pre> { "accessRightSource": null, "accessRightId": null, "accessRightValidFrom": "2022-01-01", "accessRightValidTo": null, "consumerCode": null, "contractModel": "BSS", "contractType": "SBTS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": "55555555", "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null } </pre> | <pre> [{ "accessRightId": 100005, "accessRightValidFrom": "2022-06-22T17:17:05", "accessRightValidTo": "2025-12-01T23:59:59", "daysLeft": 157, "accessRightSource": "DATAHUB", "userName": "PUBLIC", "objectNumber": "55555555", "generatingObjectType": null, "objectAddress": "Kauno g. 2, Kaunas", "contractModel": "BSS", "supplierType": "NT", "tariffPlan": null, "timeZone": "N", "powerPlantType": null, "automationLevel": "NONE", "contractType": "SBTS", "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****555", "consumerCode": "55555555", "accessRightPhoneNo": "+37061234567", "accessRightEmailAddress": "a@a.lt", "accessRightNote": "pastaba" }] </pre> |
| Possible request 6 | Possible response data 6 |
| <pre> { "accessRightSource": null, "accessRightId": null, "accessRightValidFrom": "2022-01-01", "accessRightValidTo": null, </pre> | <pre> [{ "accessRightId": 100006, "accessRightValidFrom": "2022-06-22T17:17:05", "accessRightValidTo": "2025-12-01T23:59:59", </pre> |

| | |
|--|--|
| <pre> "consumerCode": null, "contractModel": "BSS", "contractType": "SBTS", "generatingObjectType": null, "objectAddressSearch": null, "objectNumber": "66666666", "personCode": null, "powerPlantType": null, "supplierType": null, "userNameSearch": null } </pre> | <pre> "daysLeft": 157, "accessRightSource": "DATAHUB", "userName": "PUBLIC", "objectNumber": "66666666", "generatingObjectType": null, "objectAddress": "Palangos g. 2, Palanga", "contractModel": "BSS", "supplierType": "NT", "tariffPlan": null, "timeZone": "N", "powerPlantType": null, "automationLevel": "NONE", "contractType": "SBTS", "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****666", "consumerCode": "66666666", "accessRightPhoneNo": "+37061234567", "accessRightEmailAddress": "a@a.lt", "accessRightNote": "pastaba" }] </pre> |
|--|--|

5.2.2 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> |

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

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

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

5.3 Report controller

5.3.1 Method accounting-data-pack-b2c

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

5.3.2 Method accounting-data-pack-b2c-count

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

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

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

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

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

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

5.3.5 Method objects-data-pack

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

5.3.6 Method objects-data-pack-count

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

5.4 Object controller

5.4.1 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, "ownershipDocumentDate": null, }]</pre> |

```
"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
}
```

| | |
|--|--|
| | <pre> }], "contract":{ "consumerCode":"11111111", "contractType":"SBTS", "personName":"Vardas1", "personSurname":"Pavardė1", "personCode":"*****111", "personType":"FAS", "sociallyVulnerable": false, "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" } } }] </pre> |
|--|--|

| | |
|---------------------------|---------------------------------|
| Possible request 2 | Possible response data 2 |
|---------------------------|---------------------------------|

| | |
|--|--|
| <pre> { "showObjectMeter": true, "showObjectPower": true, "showObjectState": true } </pre> | <pre> [{ "objectNumber": "11111111", "objectAddress": "Vilniaus g. 1, Vilnius", "objectName": "Daugiabutis namas,laiptinė", "objectType": "Butas", "timeLimitedObjectValidTo": null, </pre> |
|--|--|


```
"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",
  "sociallyVulnerable": false,
  "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
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    {
      "meterNumber": "12345",
      "meterTypeName": "",
      "meterScaleLength": 8,
      "conversionPoss": false,
      "meterAutomated": false
    }
  ],
  "contract": {
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"contractType": "SBTS",
"personName": "Vardas",
"personSurname": "Pavardė",
"personCode": "*****910",
"personType": "FAS",
"personIndividual": true,
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  "mobPhoneNo2Network": null,
  "mobPhoneInvoice": null,
  "phoneNoNetwork": null,
  "emailNetwork": null,
  "emailNetwork2": null,
  "emailInvoice": null,
  "correspondenceAddress": null
}
},
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  "objectNumber": "14725836",
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  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 2,
  "scalesAmount": 1,
  "metersAmount": 1,
  "autoMetersAmount": 0,
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    "contractStart": "2022-01-01",
    "contractEnd": "2025-08-31",
    "contractModel": "BSS"
  },
  "objectStates": [
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  "state": "V",
  "stateValidFrom": "2010-01-01",
  "stateValidTo": null
},
{
  "stateType": "ETB",
  "state": "P",
  "stateValidFrom": "2021-01-01",
  "stateValidTo": null
}
],
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"objectPowers": [
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    "power": 0.4,
    "reliabilityCategoryType": "3",
    "powerValidFrom": "2020-01-01",
    "powerValidTo": null
  }
],
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  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
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  "timeZone": "2",
  "tariffPlanChangeDate": null
},
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"conversionPoss": false,
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"personSurname": "Pavardė",
"personCode": "*****910",
"personType": "FAS",
"personIndividual": true,
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"mobPhoneNo2Network": null,
"mobPhoneInvoice": null,
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"emailNetwork": null,
"emailNetwork2": null,
"emailInvoice": null,
"correspondenceAddress": null
}
}
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"objectName": "",
"objectType": "KKC",
"timeLimitedObjectValidTo": null,
"ownershipDocumentNumber": null,
"ownershipDocumentDate": null,
"auctionDate": null,
"technologicalCosts": false,
"productsAmount": 0,
"scalesAmount": 0,
"metersAmount": 1,
"autoMetersAmount": 0,
"supplier": {
"supplierType": "NT",
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"contractStart": "1900-01-01",
"contractEnd": null,
"contractModel": "BSS"
},
"objectStates": [],
"voltage": null,
"powerPlantType": "S",
"objectPowers": [],
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  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Standartinis",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
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    "meterNumber": "5432",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
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  "consumerCode": "12121213",
  "contractType": "SBTS",
  "personName": "Vardas5",
  "personSurname": "Pavardė5",
  "personCode": "*****363",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
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"phoneNoNetwork": null,
"emailNetwork": null,
"emailNetwork2": null,
"emailInvoice": null,
"correspondenceAddress": null
}
},
{
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  "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",
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"timeZone": "N",
"tariffPlanChangeDate": null
},
"meters": [
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    "meterNumber": "5836",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
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  "contractType": "SBTS",
  "personName": "Vardas5",
  "personSurname": "Pavardė5",
  "personCode": "*****363",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
  }
}
},
{
  "objectNumber": "12345678",
  "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": "2200-12-01",
  "ownershipDocumentNumber": "ABC123",
  "ownershipDocumentDate": null,
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"auctionDate": null,
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"scalesAmount": 1,
"metersAmount": 1,
"autoMetersAmount": 0,
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  "contractStart": "2022-01-01",
  "contractEnd": null,
  "contractModel": "BSS"
},
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"voltage": null,
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"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,
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"conversionPoss": false,
"meterAutomated": false
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],
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"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",
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},
"objectStates": [],
"voltage": null,
"powerPlantType": null,
"objectPowers": [],
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  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": null,
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": null,
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
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    "meterNumber": "55555",
    "meterTypeName": "EA52grn/1",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": true
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],
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  "contractType": "SBTS",
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "*****555",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
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"phoneNoNetwork": null,
"emailNetwork": null,
"emailNetwork2": null,
"emailInvoice": null,
"correspondenceAddress": null
}
},
{
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  "objectAddress": "Šiaulių g. 8, Šiauliai",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 1,
  "autoMetersAmount": 1,
  "supplier": {
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    "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": {
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"tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
"timeZone": "N",
"tariffPlanChangeDate": null
},
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{
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"meterTypeName": "",
"meterScaleLength": 8,
"conversionPoss": false,
"meterAutomated": true
}
],
"contract": {
"consumerCode": "66655",
"contractType": "SKMS",
"personName": "UAB Įmonė8",
"personSurname": null,
"personCode": "888888881",
"personType": "JAS",
"personIndividual": false,
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"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,
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"auctionDate": null,
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"scalesAmount": 0,
"metersAmount": 1,
"autoMetersAmount": 1,
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  "supplierType": "NT",
  "contractStart": "2021-01-01",
  "contractEnd": null,
  "contractModel": "BSS"
},
"objectStates": [],
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"powerPlantType": null,
"objectPowers": [],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": null,
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": null,
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "66666",
    "meterTypeName": "EA52grm/1",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": true
  }
],
"contract": {
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"contractType": "SBTS",
"personName": "Vardas",
"personSurname": "Pavardė",
"personCode": "*****666",
"personType": "FAS",
"personIndividual": true,
"contact": {
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  "mobPhoneNo2Network": null,
  "mobPhoneInvoice": null,
  "phoneNoNetwork": null,
  "emailNetwork": null,
  "emailNetwork2": null,
  "emailInvoice": null,
  "correspondenceAddress": null
}
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{
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  "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": {
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    "contractStart": "2014-05-01",
    "contractEnd": null,
    "contractModel": "BSS"
  },
  "objectStates": [],
  "voltage": null,
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"objectPowers": [],
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  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
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  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
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    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract": {
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  "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,
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  "metersAmount": 0,
  "autoMetersAmount": 0,
  "supplier": {
    "supplierType": "NT",
    "contractStart": "2014-05-01",
    "contractEnd": null,
    "contractModel": "2S2S"
  },
  "objectStates": [],
  "voltage": null,
  "powerPlantType": null,
  "objectPowers": [],
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    "generatingObjectType": null,
    "payoffMethod": null,
    "generatingObjectTypeFrom": null,
    "generatingObjectTypeTo": null
  },
  "tariff": {
    "tariffPlan": null,
    "timeZone": "N",
    "tariffPlanChangeDate": null
  },
  "meters": [],
  "contract": {
    "consumerCode": "77777",
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"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
},
"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,
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"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 I planas II grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklą",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "66666777",
    "meterTypeName": "EA52grn/1",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract": {
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"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": [],
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"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": "Pavardé",
  "personCode": "*****123",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
```



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"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",
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```
    "powerValidTo": null
  }
],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Pirmas planas",
  "timeZone": "2",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "8899",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract": {
  "consumerCode": "77777777",
  "contractType": "SBTS",
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "*****123",
  "personType": "FAS",
  "personIndividual": true,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": null,
    "emailNetwork2": null,
    "emailInvoice": null,
    "correspondenceAddress": null
  }
}
```

```
}
}
},
{
  "objectNumber": "77777777",
  "objectAddress": "Laisvės pr. 1 00001 Vilnius",
  "objectName": "",
  "objectType": "KKC",
  "timeLimitedObjectValidTo": null,
  "ownershipDocumentNumber": null,
  "ownershipDocumentDate": null,
  "auctionDate": null,
  "technologicalCosts": false,
  "productsAmount": 0,
  "scalesAmount": 0,
  "metersAmount": 1,
  "autoMetersAmount": 1,
  "supplier": {
    "supplierType": "NT",
    "contractStart": "1900-01-01",
    "contractEnd": null,
    "contractModel": "BSS"
  },
  "objectStates": [],
  "voltage": null,
  "powerPlantType": "S",
  "objectPowers": [],
  "generatingObject": {
    "generatingObjectType": "G",
    "payoffMethod": "M",
    "generatingObjectTypeFrom": "1900-01-01",
    "generatingObjectTypeTo": null
  },
  "tariff": {
    "tariffPlan": "Išmanusis",
    "timeZone": "N",
    "tariffPlanChangeDate": null
  },
  "meters": [
    {
```

```
"meterNumber": "7777",
"meterTypeName": "",
"meterScaleLength": 8,
"conversionPoss": false,
"meterAutomated": true
}
],
"contract": {
"consumerCode": "77777788",
"contractType": "SBTS",
"personName": "Vardas7",
"personSurname": "Pavardė7",
"personCode": "*****777",
"personType": "FAS",
"personIndividual": true,
"contact": {
"mobPhoneNoNetwork": null,
"mobPhoneNo2Network": null,
"mobPhoneInvoice": null,
"phoneNoNetwork": null,
"emailNetwork": null,
"emailNetwork2": null,
"emailInvoice": null,
"correspondenceAddress": null
}
}
},
{
"objectNumber": "77777771",
"objectAddress": "Laisvės pr. 2 00002 Vilnius",
"objectName": "",
"objectType": "KKC",
"timeLimitedObjectValidTo": null,
"ownershipDocumentNumber": null,
"ownershipDocumentDate": null,
"auctionDate": null,
"technologicalCosts": false,
"productsAmount": 0,
"scalesAmount": 0,
"metersAmount": 1,
```

```
"autoMetersAmount": 0,
"supplier": {
  "supplierType": "NT",
  "contractStart": "1900-01-01",
  "contractEnd": null,
  "contractModel": "BSS"
},
"objectStates": [],
"voltage": null,
"powerPlantType": "S",
"objectPowers": [],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": "1900-01-01",
  "generatingObjectTypeTo": null
},
"tariff": {
  "tariffPlan": "Namai plus",
  "timeZone": "N",
  "tariffPlanChangeDate": null
},
"meters": [
  {
    "meterNumber": "7771",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract": {
  "consumerCode": "77777788",
  "contractType": "SBTS",
  "personName": "Vardas7",
  "personSurname": "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
  }
}
```

```
}  
}  
}  
]
```

Possible request 3

```
{  
  "meterNumber": "33606918",  
  "objectNumber": "11193351",  
  "showObjectMeter": true,  
  "showObjectPower": true,  
  "showObjectState": true  
}
```

Possible response data 3

```
[  
  {  
    "objectNumber": "11193351",  
    "objectAddress": "Gatvė g. 5, Vilnius",  
    "objectName": "VIENBUTIS GYVENAMASIS NAMAS",  
    "objectType": "Namas",  
    "timeLimitedObjectValidTo": null,  
    "ownershipDocumentNumber": "1/1111",  
    "ownershipDocumentDate": "2006-04-27",  
    "auctionDate": null,  
    "technologicalCosts": false,  
    "productsAmount": 1,  
    "scalesAmount": 1,  
    "metersAmount": 1,  
    "autoMetersAmount": 0,  
    "supplier": {  
      "supplierType": "NT",  
      "contractStart": "2022-07-01",  
      "contractEnd": null,  
      "contractModel": "BSS"  
    },  
    "objectStates": [  
      {  
        "stateType": "ETB",  
        "state": "T",  
        "stateValidFrom": "2011-04-18",  
        "stateValidTo": null  
      },  
      {  
        "stateType": "VBS",  
        "state": "V",  
        "stateValidFrom": "2011-03-30",  
        "stateValidTo": null  
      }  
    ]  
  }  
]
```



```
    }
  ],
  "voltage":0.4,
  "powerPlantType":null,
  "objectPowers":[
    {
      "powerType":"LOG",
      "power":28,
      "reliabilityCategoryType":"3",
      "powerValidFrom":"2022-03-18",
      "powerValidTo":null
    },
    {
      "powerType":"LOG",
      "power":28,
      "reliabilityCategoryType":"3",
      "powerValidFrom":"2022-03-18",
      "powerValidTo":null
    }
  ],
  "generatingObject":{
    "generatingObjectType":null,
    "payoffMethod":null,
    "generatingObjectTypeFrom":null,
    "generatingObjectTypeTo":null
  },
  "tariff":{
    "tariffPlan":"Standartinis",
    "timeZone":"1",
    "tariffPlanChangeDate":"2022-03-18"
  },
  "meters":[
    {
      "meterNumber":"33606918",
      "meterTypeName":"ZE 311.DR.A0B404-06",
      "meterScaleLength":7,
      "conversionPoss":false,
      "meterAutomated":false
    }
  ],

```

| | |
|---|---|
| | <pre> "contract":{ "consumerCode":"11001274", "contractType":"SBTS", "personName":"PAULIUS", "personSurname":"PAULAUSKAS", "personCode":"*****828", "personType":"FAS", "personIndividual":true, "sociallyVulnerable":false, "contact":{ "mobPhoneNoNetwork": null, "mobPhoneNo2Network":null, "mobPhoneInvoice":null, "phoneNoNetwork":null, "emailNetwork":"pastasss@a.lt", "emailNetwork2":null, "emailInvoice":null, "correspondenceAddress":"Gatvė g. 5, Vilnius" } } }] </pre> |
| <p>Possible request 4</p> | <p>Possible response data 4</p> |
| <pre> { "meterNumber": "03898655", "objectNumber": "17056270", "showObjectMeter": true, "showObjectPower": true, "showObjectState": true } </pre> | <pre> [{ "objectNumber":"17056270", "objectAddress":"Gatvė g. 20, Kaunas", "objectName":"PARDUOTUVĖ", "objectType":"Prekybos paskirties objektai", "timeLimitedObjectValidTo":null, "ownershipDocumentNumber":null, "ownershipDocumentDate":null, "auctionDate":null, "technologicalCosts":false, "productsAmount":2, "scalesAmount":2, "metersAmount":1, </pre> |

```
"autoMetersAmount":0,
"supplier":{
  "supplierType":"NT",
  "contractStart":"2019-04-01",
  "contractEnd":null,
  "contractModel":"2S2S"
},
"objectStates":[
  {
    "stateType":"ETB",
    "state":"T",
    "stateValidFrom":"2011-09-16",
    "stateValidTo":null
  },
  {
    "stateType":"VBS",
    "state":"V",
    "stateValidFrom":"2011-10-01",
    "stateValidTo":null
  }
],
"voltage":0.4,
"powerPlantType":null,
"objectPowers":[
  {
    "powerType":"LOG",
    "power":23,
    "reliabilityCategoryType":"3",
    "powerValidFrom":"2017-12-04",
    "powerValidTo":null
  },
  {
    "powerType":"IOG",
    "power":23,
    "reliabilityCategoryType":"3",
    "powerValidFrom":"2017-12-04",
    "powerValidTo":null
  }
],
"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":"2",
  "tariffPlanChangeDate":"2023-01-01"
},
"meters":[
  {
    "meterNumber":"03898655",
    "meterTypeName":"ZE 311.DR.A0B394-04",
    "meterScaleLength":7,
    "conversionPoss":false,
    "meterAutomated":false
  }
],
"contract":{
  "consumerCode":"11001277",
  "contractType":"SKMS",
  "personName":"UAB \"Įmonės pavadinimas 5\"",
  "personSurname":null,
  "personCode":"110778344",
  "personType":"JAS",
  "personIndividual":false,
  "sociallyVulnerable":false,
  "contact":{
    "mobPhoneNoNetwork":"+37062224422",
    "mobPhoneNo2Network":null,
    "mobPhoneInvoice":"+37066644666",
    "phoneNoNetwork":"+37057890089",
    "emailNetwork":"pastassss@pastas.lt",
    "emailNetwork2":null,
    "emailInvoice":"testas@pastas.lt",
    "correspondenceAddress":"Gatvė g. 40, Kaunas"
  }
}
}
```

```
}  
]
```

Possible request 5

```
{  
  "objectNumber": "99999999",  
  "showObjectMeter": true,  
  "showObjectPower": true,  
  "showObjectState": true  
}
```

Possible response data 5

```
[  
  {  
    "objectNumber": "99999999",  
    "objectAddress": "Telšių g. 12, Telšiai",  
    "objectName": "AUKŠTOJI MOKYKLA",  
    "objectType": "Švietimo ir mokslo paskirties objektai",  
    "timeLimitedObjectValidTo": null,  
    "ownershipDocumentNumber": null,  
    "ownershipDocumentDate": null,  
    "auctionDate": null,  
    "technologicalCosts": true,  
    "productsAmount": 2,  
    "scalesAmount": 1,  
    "metersAmount": 1,  
    "autoMetersAmount": 1,  
    "supplier": {  
      "supplierType": "NT",  
      "contractStart": "2022-05-20",  
      "contractEnd": null,  
      "contractModel": "2S2S"  
    },  
    "objectStates": [  
      {  
        "stateType": "ETB",  
        "state": "T",  
        "stateValidFrom": "2008-09-19",  
        "stateValidTo": null  
      },  
      {  
        "stateType": "VBS",  
        "state": "V",  
        "stateValidFrom": "2008-09-19",  
        "stateValidTo": null  
      }  
    ]  
  }  
]
```

```
}
],
"voltage": 0.4,
"powerPlantType": "S",
"objectPowers": [
  {
    "powerType": "IGG",
    "power": 6,
    "reliabilityCategoryType": "3",
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "LGG",
    "power": 6,
    "reliabilityCategoryType": "3",
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "IOG",
    "power": 45,
    "reliabilityCategoryType": "3",
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "LOG",
    "power": 45,
    "reliabilityCategoryType": "3",
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  }
],
"generatingObject": {
  "generatingObjectType": null,
  "payoffMethod": null,
  "generatingObjectTypeFrom": null,
  "generatingObjectTypeTo": null
},
}
```

```
"tariff": {
  "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros
energiją iš žemosios įtampos elektros tinklų",
  "timeZone": "VR",
  "tariffPlanChangeDate": "2023-05-23"
},
"meters": [
  {
    "meterNumber": "199999999",
    "meterTypeName": null,
    "meterScaleLength": 12,
    "conversionPoss": false,
    "meterAutomated": true
  }
],
"contract": {
  "consumerCode": "919191",
  "contractType": "SKMS",
  "personName": "Aukštoji mokykla",
  "personSurname": null,
  "personCode": "911111111",
  "personType": "JAS",
  "personIndividual": false,
  "sociallyVulnerable": false,
  "contact": {
    "mobPhoneNoNetwork": "+37060000001",
    "mobPhoneNo2Network": "+37060000005",
    "mobPhoneInvoice": "+37063333333",
    "phoneNoNetwork": "+37063333333",
    "emailNetwork": "a1.a@a.lt",
    "emailNetwork2": null,
    "emailInvoice": "a.a@a.lt",
    "correspondenceAddress": "Adresas g. 5-31"
  }
}
}
```

Possible request 6

Possible response data 6

```
{
  "objectNumber": "74042555",
  "showObjectMeter": true,
  "showObjectPower": true,
  "showObjectState": true
}
```

```
[
  {
    "objectNumber": "74042555",
    "objectAddress": "Petraičio g. 16A, Kaunas",
    "objectName": "PARDUOTUVĖ",
    "objectType": "Prekybos paskirties objektai",
    "timeLimitedObjectValidTo": null,
    "ownershipDocumentNumber": "33/3301642",
    "ownershipDocumentDate": "2011-11-24",
    "auctionDate": null,
    "technologicalCosts": false,
    "productsAmount": 1,
    "scalesAmount": 1,
    "metersAmount": 1,
    "autoMetersAmount": 0,
    "supplier": {
      "supplierType": "NT",
      "contractStart": "2022-05-01",
      "contractEnd": null,
      "contractModel": "2S2S"
    },
    "objectStates": [
      {
        "stateType": "ETB",
        "state": "T",
        "stateValidFrom": "2015-03-17",
        "stateValidTo": null
      },
      {
        "stateType": "VBS",
        "state": "V",
        "stateValidFrom": "2015-03-16",
        "stateValidTo": null
      }
    ],
    "voltage": 0.4,
    "powerPlantType": "S",
    "objectPowers": [
      {
        "powerType": "IGG",
```



```
"power": 10.24,
"reliabilityCategoryType": "3",
"powerValidFrom": "2022-05-22",
"powerValidTo": null
},
{
"powerType": "LGG",
"power": 10.24,
"reliabilityCategoryType": "3",
"powerValidFrom": "2022-05-22",
"powerValidTo": null
},
{
"powerType": "IOG",
"power": 11,
"reliabilityCategoryType": "3",
"powerValidFrom": "2022-05-22",
"powerValidTo": null
},
{
"powerType": "LOG",
"power": 11,
"reliabilityCategoryType": "3",
"powerValidFrom": "2022-05-22",
"powerValidTo": null
}
},
"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": "1",
"tariffPlanChangeDate": "2022-03-20"
},
"meters": [
```

```

{
  "meterNumber": "25780555",
  "meterTypeName": "ZE316.D0.A0B045-010.2",
  "meterScaleLength": 7,
  "conversionPoss": false,
  "meterAutomated": false
}
],
"contract": {
  "consumerCode": "333107",
  "contractType": "SKMS",
  "personName": "Petraičio įmonė \\"{MONĖ}\\"",
  "personSurname": null,
  "personCode": "333989071",
  "personType": "JAS",
  "personIndividual": false,
  "sociallyVulnerable": false,
  "contact": {
    "mobPhoneNoNetwork": null,
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": "+37060000004",
    "phoneNoNetwork": null,
    "emailNetwork": "pastas222@a.lt",
    "emailNetwork2": null,
    "emailInvoice": "pastas333@a.lt",
    "correspondenceAddress": "Petraičio g. 18B, Kaunas"
  }
}
}
]

```

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

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

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

```
[
  {
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "*****910",
    "consumerCode": "12121212",
    "objectNumber": "98765432",
    "metersAmount": 2,
    "autoMetersAmount": 0,
    "smartMeterInstallationDate": null,
    "meters": [
      {
        "meterNumber": "1234",
        "meterAutomated": false,
        "automationSystem": null
      },
      {
        "meterNumber": "12345",
        "meterAutomated": false,
        "automationSystem": null
      }
    ],
    "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",
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 0.4,
    "powerValidFrom": "2020-01-01",
    "powerValidTo": null
  }
],
"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"
},
{
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "*****910",
  "consumerCode": "12121212",
  "objectNumber": "14725836",
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "smartMeterInstallationDate": null,
```

```
"meters": [  
  {  
    "meterNumber": "9090",  
    "meterAutomated": false,  
    "automationSystem": null  
  }  
],  
"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",  
"objectPowers": [  
  {  
    "powerType": "LOG",  
    "power": 0.4,  
    "powerValidFrom": "2020-01-01",  
    "powerValidTo": null  
  }  
],  
"objectFutureSuppliers": [  
  {  
    "supplierCode": "123456789",  
    "supplierName": "Tiekėjas1",  
    "contractStart": "2025-09-01",  
    "contractEnd": "2025-09-30"
```

| | |
|---|---|
| | <pre> }], "powerPlantType": "S" }] }] </pre> |
| 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", "metersAmount": 1, "autoMetersAmount": 0, "smartMeterInstallationDate": null, "meters": [{ "meterNumber": "4321", "meterAutomated": false, "automationSystem": null }], "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", </pre> |

```
"ownershipDocumentNumber": "ABC123",
"supplyOwnership": "MY",
"contractStart": "2022-01-01",
"contractEnd": null,
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 0.4,
    "powerValidFrom": "2022-01-01",
    "powerValidTo": null
  }
],
"objectFutureSuppliers": [],
"powerPlantType": "S"
},
{
  "personName": "Vardas1",
  "personSurname": "Pavardė1",
  "personCode": "*****345",
  "consumerCode": "88888888",
  "objectNumber": "76767676",
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "smartMeterInstallationDate": null,
  "meters": [
    {
      "meterNumber": "4321",
      "meterAutomated": false,
      "automationSystem": null
    }
  ],
  "objectAddress": "Nidos g., 1, Nida",
  "contractType": "SBTS",
  "contractModel": "BSS",
```


| | |
|---|---|
| | <pre> "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, "objectPowers": [{ "powerType": "LOG", "power": 0.4, "powerValidFrom": "2022-01-01", "powerValidTo": null }], "objectFutureSuppliers": [], "powerPlantType": "S" }] </pre> |
| <p>Possible request 3</p> | <p>Possible response data 3</p> |
| <pre> { "consumerCode": "77777777", "meterNumber": null, "objectDataConsentSign": true, "objectNumber": null, "personCode": null } </pre> | <pre> [{ "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****123", "consumerCode": "77777777", "objectNumber": "22222222", "metersAmount": 1, "autoMetersAmount": 1, "smartMeterInstallationDate": null, </pre> |

```
"meters": [
  {
    "meterNumber": "10101",
    "meterAutomated": true,
    "automationSystem": null
  }
],
"objectAddress": "Laisvės pr. 1 00001 Vilnius",
"contractType": "SBTS",
"contractModel": "BSS",
"supplierType": "NT",
"timeLimitedObjectValidTo": null,
"tariffPlan": "Išmanusis",
"timeZone": "4",
"generatingObjectType": "N",
"payoffMethod": null,
"ownershipDocumentNumber": null,
"supplyOwnership": "NOT_MY",
"contractStart": null,
"contractEnd": null,
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 0.4,
    "powerValidFrom": "2020-01-01",
    "powerValidTo": null
  }
],
"objectFutureSuppliers": [],
"powerPlantType": "S"
},
{
  "personName": "Vardas",
  "personSurname": "Pavardė",
```

```
"personCode": "*****123",
"consumerCode": "7777777",
"objectNumber": "3333333",
"metersAmount": 1,
"autoMetersAmount": 1,
"smartMeterInstallationDate": null,
"meters": [
  {
    "meterNumber": "10102",
    "meterAutomated": true,
    "automationSystem": null
  }
],
"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,
"supplyOwnership": "MY",
"contractStart": "1900-01-01",
"contractEnd": null,
"objectPowers": [
  {
    "powerType": "LOG",
    "power": 0.4,
    "powerValidFrom": "1900-01-01",
    "powerValidTo": null
  }
],
```

```
"objectFutureSuppliers": [],
"powerPlantType": "S"
},
{
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "*****123",
  "consumerCode": "77777777",
  "objectNumber": "31313131",
  "metersAmount": 1,
  "autoMetersAmount": 0,
  "smartMeterInstallationDate": null,
  "meters": [
    {
      "meterNumber": "8899",
      "meterAutomated": false,
      "automationSystem": null
    }
  ],
  "objectAddress": "Palangos g. 2, Palanga",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "VT",
  "timeLimitedObjectValidTo": null,
  "tariffPlan": "Pirmas planas",
  "timeZone": "2",
  "generatingObjectType": null,
  "payoffMethod": null,
  "ownershipDocumentNumber": null,
  "supplyOwnership": "MY",
  "contractStart": "2014-05-01",
  "contractEnd": null,
  "objectPowers": [
    {
```

| | |
|--|--|
| | <pre> "powerType": "LOG", "power": 0.4, "powerValidFrom": "2014-01-01", "powerValidTo": null }], "objectFutureSuppliers": [], "powerPlantType": "S" }] </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", "metersAmount": 1, "autoMetersAmount": 0, "smartMeterInstallationDate": null, "meters": [{ "meterNumber": "9876", "meterAutomated": false, "automationSystem": null }] }, "objectAddress": "Šiaulių g. 8, Šiauliai", "contractType": "SKMS", "contractModel": "2S2S", "supplierType": "NT", "timeLimitedObjectValidTo": null, </pre> |

| | |
|--|---|
| | <pre> "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, "objectPowers": [{ "powerType": "LOG", "power": 0.6, "powerValidFrom": "2020-01-01", "powerValidTo": null }], "objectFutureSuppliers": [], "powerPlantType": "S" }] </pre> |
|--|---|

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

| | |
|--|---|
| <pre> { "objectDataConsentSign": true, "objectNumber": "11193351" } </pre> | <pre> [{ "personName": "PAULIUS", "personSurname": "PAULAUSKAS", "personCode": "*****828", "consumerCode": "11001274", "objectNumber": "11193351", "metersAmount": 1, "autoMetersAmount": 0, "smartMeterInstallationDate": null, "meters": [{ "meterNumber": "33606918", </pre> |
|--|---|

```
        "meterAutomated":false,
        "automationSystem":null
    }
],
"objectAddress":"Gatvė g. 5, Vilnius",
"contractType":"SBTS",
"contractModel":"BSS",
"supplierType":"NT",
"timeLimitedObjectValidTo":null,
"tariffPlan":"Standartinis",
"timeZone":"1",
"generatingObjectType":null,
"payoffMethod":null,
"ownershipDocumentNumber":"1/1111",
"supplyOwnership":"MY",
"contractStart":"2022-07-01",
"contractEnd":null,
"objectPowers":[
    {
        "powerType":"LOG",
        "power":28,
        "powerValidFrom":"2022-03-18",
        "powerValidTo":null
    },
    {
        "powerType":"LOG",
        "power":28,
        "powerValidFrom":"2022-03-18",
        "powerValidTo":null
    }
],
"objectFutureSuppliers":[

],
"powerPlantType":null
}
]
```

Possible request 6

```
{
  "objectDataConsentSign": true,
  "objectNumber": "17056270"
}
```

Possible response data 6

```
[
  {
    "personName":"UAB \"Įmonės pavadinimas 5\"",
    "personSurname":null,
    "personCode":"110778344",
    "consumerCode":"11001277",
    "objectNumber":"17056270",
    "metersAmount":1,
    "autoMetersAmount":0,
    "smartMeterInstallationDate":null,
    "meters":[
      {
        "meterNumber":"03898655",
        "meterAutomated":false,
        "automationSystem":null
      }
    ],
    "objectAddress": "Gatvė g. 20, Kaunas",
    "contractType":"SKMS",
    "contractModel":"2S2S",
    "supplierType":"NT",
    "timeLimitedObjectValidTo":null,
    "tariffPlan":"El. en. persiuntimo 1 planas II grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
    "timeZone":"2",
    "generatingObjectType":null,
    "payoffMethod":null,
    "ownershipDocumentNumber":null,
    "supplyOwnership":"MY",
    "contractStart":"2019-04-01",
    "contractEnd":null,
    "objectPowers":[
      {
        "powerType":"LOG",
        "power":23,
        "powerValidFrom":"2017-12-04",
        "powerValidTo":null
      }
    ],
  }
]
```


| | |
|--|--|
| | <pre> { "powerType": "IOG", "power": 23, "powerValidFrom": "2017-12-04", "powerValidTo": null }], "objectFutureSuppliers": [], "powerPlantType": null }] </pre> |
|--|--|

| | |
|---------------------------|---------------------------------|
| Possible request 7 | Possible response data 7 |
|---------------------------|---------------------------------|

| | |
|---|---|
| <pre> { "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, "objectNumber": "99999999", "personCode": null } </pre> | <pre> [{ "personName": "Aukštoji mokykla", "personSurname": null, "personCode": "911111111", "consumerCode": "919191", "objectNumber": "99999999", "metersAmount": 1, "autoMetersAmount": 1, "smartMeterInstallationDate": null, "meters": [{ "meterNumber": "199999999", "meterAutomated": true, "automationSystem": null }], "objectAddress": "Telšių g. 12, Telšiai", "contractType": "SKMS", "contractModel": "2S2S", "supplierType": "NT", "timeLimitedObjectValidTo": null, }] </pre> |
|---|---|

```
"tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
"timeZone": "VR",
"generatingObjectType": null,
"payoffMethod": null,
"ownershipDocumentNumber": null,
"supplyOwnership": "MY",
"contractStart": "2022-05-20",
"contractEnd": null,
"objectPowers": [
  {
    "powerType": "IGG",
    "power": 6,
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "LGG",
    "power": 6,
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "IOG",
    "power": 45,
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  },
  {
    "powerType": "LOG",
    "power": 45,
    "powerValidFrom": "2022-05-19",
    "powerValidTo": null
  }
],
"objectFutureSuppliers": [],
"powerPlantType": "S"
}
]
```

| Possible request 8 | Possible response data 8 |
|--|---|
| <pre>{ "objectDataConsentSign": true, "objectNumber": "74042555" }</pre> | <pre>[{ "personName": "Petraičio įmonė \"IMONĖ\"", "personSurname": null, "personCode": "333989071", "consumerCode": "333107", "objectNumber": "74042555", "metersAmount": 1, "autoMetersAmount": 0, "smartMeterInstallationDate": null, "meters": [{ "meterNumber": "25780555", "meterAutomated": false, "automationSystem": null }], "objectAddress": "Petraičio g. 16A, Kaunas", "contractType": "SKMS", "contractModel": "2S2S", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "El. en. persiuntimo I planas II grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų", "timeZone": "1", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": "33/3301642", "supplyOwnership": "MY", "contractStart": "2022-05-01", "contractEnd": null, "objectPowers": [{ "powerType": "IGG", "power": 10.24, "powerValidFrom": "2022-05-22", "powerValidTo": null }], }]</pre> |

| | |
|--|---|
| | <pre>{ "powerType": "LGG", "power": 10.24, "powerValidFrom": "2022-05-22", "powerValidTo": null }, { "powerType": "IOG", "power": 11, "powerValidFrom": "2022-05-22", "powerValidTo": null }, { "powerType": "LOG", "power": 11, "powerValidFrom": "2022-05-22", "powerValidTo": null }], "objectFutureSuppliers": [], "powerPlantType": "S" }]</pre> |
|--|---|

5.5 Contract controller

5.5.1 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" }, "objects": [{ "objectNumber": "11111111", "objectAddress": "Palangos g. 1, Palanga", "contractStart": "2021-01-01", "contractEnd": null, "contractModel": "BSS", </pre> |

| | |
|--|--|
| | <pre> "mobPhoneNoObject": null, "meters":[{ "meterNumber": "11111" }] }] </pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <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" }, "objects":[{ "objectNumber":"22222222", "objectAddress":"Neringos g. 1, Neringa", "contractStart":"2021-01-01", "contractEnd":null, "contractModel":"2S2S", "mobPhoneNoObject":"+37050000007", </pre> |

| | |
|--|---|
| | <pre> "meters":[{ "meterNumber":"22222" }], { "objectNumber":"33333333", "objectAddress":"Nidos g. 1, Nida", "contractStart":"2021-01-01", "contractEnd":"2022-07-01", "contractModel":"2S2S", "mobPhoneNoObject":null, "meters":[{ "meterNumber":"33333" }] }] }] </pre> |
|--|---|

5.6 Notification contract controller - new

5.6.1 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 | <p>POST</p> <p>/gateway/notification/contract/list?first={ integer}&count={ integer}&sortOrder={ ASC/DSC }</p> <p>Response description are provided in additional document - https://datahub.eso.lt/dokumentacija.</p> |

| | |
|----------------------------|---|
| documentation (ENG) | |
| 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, "municipality": null, "county": null }, "ownerInfo": { "subjectType": "FAS", "personName": "Vardas5",</pre> |


```
"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",
```

| | |
|---------------------------|---|
| | <pre>"consumerCode": "12121213", "object": { "objectNumber": "50725836", "meterNumbers": ["123"], "objectAddress": "Kauno g. 2, Kaunas", "contractModel": "BSS", "tariffPlan": "Standartinis", "timeZone": "2", "ownershipDocumentNumber": null, "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": "G" } }, { "contractType": "SBTS", "consumerCode": "12121213", "object": { "objectNumber": "50765432", "meterNumbers": ["1234"], "objectAddress": "Kauno g. 1, Kaunas", "contractModel": "BSS", "tariffPlan": "Standartinis", "timeZone": "2", "ownershipDocumentNumber": null, "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": null } }] }</pre> |
| Possible request 2 | Possible response data 2 |

```
{
"changeTypes":null,
"contractStartFrom": null,
"contractStartTo": null,
"notificationId": null,
"objectNumber": "60345678",
"personCode": null,
"status": ["P"],
"submittedDateFrom": null,
"submittedDateTo": null,
"usernameSearch": null,
"supplierContractNo": null,
"objectAddressSearch": null
}
```

```
[
{
"notificationId": 100006,
"changeType": "SK",
"contractType": "SKMS",
"contractStart": "2021-08-01",
"supplierContractNo": null,
"notes": null,
"userName": "PUBLIC",
"submittedDate": "2021-07-13T10:00:00",
"latestStatus": "P",
"errorType": null,
"correspondenceAddress": {
"addressLine": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
"street": "Gatvės g.",
"building": "1",
"housingNo": null,
"apartment": null,
"locality": null,
"eldership": "Seniūnijos sen.",
"municipality": "Vilniaus r. sav.",
"county": null
},
"ownerInfo": {
"subjectType": "JAS",
"personName": "UAB Įmonė6",
"personSurname": null,
"personCode": "123456710",
"birthDate": null,
"vatCode": null,
"representativeName": null,
"representativeSurname": null,
"representativeDuty": null,
"contacts": {
"mobPhoneNoNetwork": "+37061234567",
```

```
"mobPhoneNo2Network": "+37069876543",
"mobPhoneNoInvoice": "+37066565656",
"telPhoneNoNetwork": "+37051212121",
"emailNetwork": "vardas.pavarde@imone.lt",
"email2Network": "vardas.pavarde@imone1.lt",
"emailInvoice": "vardas.pavarde@imone2.lt"
}
},
"contractNotificationStatus": [
{
"status": "P",
"statusDate": "2021-07-13T10:00:00"
}
],
"objects": [
{
"objectNumber": "60345678",
"objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
"contractModel": "2S2S",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios
įtampos elektros tinklų",
"timeZone": "4",
"payoffMethod": null,
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-07-05T00:00:00",
"anotherSupplierContractCancellation": null,
"cancelledByAnotherSupplier": false
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
```

| | |
|---------------------------|---|
| | <pre>"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,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
```



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

| | |
|---------------------------|---|
| | <pre>"payoffMethod": null } }, { "contractType": "SBTS", "consumerCode": "77777788", "object": { "objectNumber": "77777777", "meterNumbers": ["1234567"], "objectAddress": "Laisvės 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",
"timeZone": "N",
"payoffMethod": null,
```

| | |
|--------------------|---|
| | <pre> "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,
"cancelledByAnotherSupplier": false
}
]
```

| | |
|--|---|
| | <pre>], "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> <pre> { "changeTypes": ["NTK"], "contractStartFrom": null, "contractStartTo": null, "notificationId": 100010, "objectNumber": "88888866", "personCode": null, </pre> | <p>Possible response data 6</p> <pre> [{ "notificationId": 100010, "changeType": "NTK", "contractType": "SBTS", "contractStart": "2050-08-01", "supplierContractNo": "Numeris-666", "notes": "PASTABA1", "userName": "Petras Petraitis", "submittedDate": "2022-04-25T12:08:15.906", </pre> |
|---|---|


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

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

```
    },
    {
      "status": "I",
      "statusDate": "2022-04-25T13:08:15.906569"
    },
    {
      "status": "P",
      "statusDate": "2022-04-25T12:08:15.906569"
    }
  ],
  "objects": [
    {
      "objectNumber": "88888866",
      "objectAddress": "Vilnelės g. 1, Kaunas",
      "contractModel": "BSS",
      "tariffPlan": "Namai 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",
        "tariffPlan": "Standartinis",
        "timeZone": "1",
        "ownershipDocumentNumber": "Numeris-66",
        "ntGetCoownerConsent": false,
```

| | |
|--|---|
| | <pre> "auctionDate": null, "payoffMethod": "E", "meterNumbers": ["66666666"] }]] </pre> |
|--|---|

| | |
|---------------------------|---------------------------------|
| Possible request 7 | Possible response data 7 |
|---------------------------|---------------------------------|

| | |
|---|---|
| <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": { "subjectType": "FAS", "personName": "Vardenis33", "personSurname": "Pavardenis33", "personCode": "*****777", "birthDate": null, </pre> |
|---|---|

```
"vatCode": null,
"representativeName": "Antanas",
"representativeSurname": "Antanaitis",
"representativeDuty": "Vadybininkas",
"contacts": {
  "mobPhoneNoNetwork": "+37066666666",
  "mobPhoneNo2Network": "+37066666666",
  "mobPhoneNoInvoice": "+37066666666",
  "telPhoneNoNetwork": null,
  "emailNetwork": "pastas@pastas.lt",
  "email2Network": "pastas@pastas.lt",
  "emailInvoice": "pastas@pastas.lt"
}
},
"contractNotificationStatus": [
  {
    "status": "A",
    "statusDate": "2022-04-28T08:13:29.401039"
  },
  {
    "status": "P",
    "statusDate": "2022-04-28T08:13:16.324149"
  }
],
"objects": [
  {
    "objectNumber": "66666777",
    "objectAddress": "Girios g. 9, Vilnius",
    "contractModel": "BSS",
    "tariffPlan": null,
    "timeZone": null,
    "payoffMethod": null,
    "objectNtr": null,
    "objectNtrDate": null,
    "uniqueRoomNo": null,
    "ntGetCoownerConsent": null,
    "auctionDate": null,
    "anotherSupplierContractCancellation": null,
    "cancelledByAnotherSupplier": false
  }
]
```

```

],
"oldContractInfo": [
  {
    "contractType": "SKMS",
    "consumerCode": "777777",
    "object": {
      "objectNumber": "66666777",
      "objectAddress": "Girios g. 9, Vilnius",
      "contractModel": "BSS",
      "tariffPlan": "El. en. persiuntimo 1 planas II grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
      "timeZone": "1",
      "ownershipDocumentNumber": null,
      "ntGetCoownerConsent": false,
      "auctionDate": null,
      "payoffMethod": null,
      "meterNumbers": [
        "SAG777777777777"
      ]
    }
  }
]

```

Possible request 8

```

{
  "changeTypes": [
    "NTK"
  ],
  "contractStartFrom": null,
  "contractStartTo": null,
  "notificationId": 100012,
  "objectNumber": "88888866",
  "personCode": null,
  "status": null,
  "submittedDateFrom": null,
  "submittedDateTo": null,
  "usernameSearch": null,
  "supplierContractNo": null,

```

Possible response data 8

```

[
  {
    "notificationId": 100012,
    "changeType": "NTK",
    "contractType": "SBTS",
    "contractStart": "2022-08-01",
    "supplierContractNo": "Numeris-888",
    "notes": "PASTABA1",
    "userName": "Petras Petraitis",
    "submittedDate": "2022-04-20T12:08:15.906",
    "latestStatus": "IV",
    "errorType": null,
    "correspondenceAddress": {
      "addressLine": "Vilnelės g. 1, Kaunas",
      "street": "Vilnelės g.",
      "building": "1",

```

| | |
|--|---|
| <pre>"objectAddressSearch": null }</pre> | <pre>"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" }, {</pre> |
|--|---|

```
"status": "P",
"statusDate": "2022-04-20T12:08:15.906569"
}
],
"objects": [
{
"objectNumber": "88888866",
"objectAddress": "Vilnelės g. 1, Kaunas",
"contractModel": "BSS",
"tariffPlan": "Namai plius",
"timeZone": "1",
"payoffMethod": null,
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": null,
"auctionDate": null,
"anotherSupplierContractCancellation": null,
"cancelledByAnotherSupplier": true
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
"consumerCode": "66666",
"object": {
"objectNumber": "88888866",
"objectAddress": "Vilnelės g. 1, Kaunas",
"contractModel": "BSS",
"tariffPlan": "Standartinis",
"timeZone": "1",
"ownershipDocumentNumber": "Numeris-66",
"ntGetCoownerConsent": false,
"auctionDate": null,
"payoffMethod": "E",
"meterNumbers": [
"66666666"
]
}
}
]
```

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

5.6.2 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]", "contractType": "SBTS", "correspondenceAddress": { "apartment": null, "building": "1", "county": null, "eldership": null, "housingNo": null, "locality": "Vilnius", "municipality": null, "street": "Adreso g." }, } </pre> | <pre> { "notificationId": [id kuriasi vis nauji] } </pre> |


```
"notes": "Pastaba 123",
"objects": [
  {
    "auctionDate": null,
    "contractModel": "BSS",
    "ntGetCoownerConsent": true,
    "objectNtr": "12/12345",
    "objectNtrDate": "2021-01-01",
    "objectNumber": "98765432",
    "payoffMethod": null,
    "tariffPlan": "Namai",
    "timeZone": "2",
    "uniqueRoomNo": "1234-1234-1234:1234"
  },
  {
    "auctionDate": null,
    "contractModel": "BSS",
    "ntGetCoownerConsent": false,
    "objectNtr": null,
    "objectNtrDate": null,
    "objectNumber": "14725836",
    "payoffMethod": "E",
    "tariffPlan": "Standartinis",
    "timeZone": "2",
    "uniqueRoomNo": null
  }
],
"ownerInfo": {
  "birthDate": null,
  "contacts": {
    "email2Network": null,
    "emailInvoice": null,
    "emailNetwork": "vardas.pavarde@pastas.lt",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "mobPhoneNoNetwork": "+37061234567",
    "telPhoneNoNetwork": null
  },
  "personName": "Vardas",
  "personCode": "36363636363",
```

```
"subjectType": "FAS",
"personSurname": "Pavardė",
"vatCode": null,
"representativeName": null,
"representativeSurname": null,
"representativeDuty": null
},
"supplierContractNo": null
}
```

Possible request 2

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

Possible response data 2

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

```

}
],
"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

```

{
  "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,

```

Possible response data 3

```

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

```

```
"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",
    "telPhoneNoNetwork": null
  },
  "personName": "Vardas",
  "personCode": "5555555555",
  "subjectType": "FAS",
  "personSurname": "Pavardė",
  "vatCode": "1414141414",
  "representativeName": null,
  "representativeSurname": null,
  "representativeDuty": null
},
"supplierContractNo": "Numeris-123"
}
```

| Possible request 4 | Possible response data 4 |
|---|---|
| <pre>{ "changeType": "STK", "consentSign": true, "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]", "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": 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",</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |

| | |
|---|---|
| <pre> "mobPhoneNoNetwork": "+37061234567", "telPhoneNoNetwork": null }, "personName": "UAB \u017dmon\u0117", "personCode": "888888888", "subjectType": "JAS", "personSurname": null, "vatCode": null, "representativeName": null, "representativeSurname": null, "representativeDuty": null }, "supplierContractNo": "Numeris-321" } </pre> | |
| <p>Possible request 5</p> | <p>Possible response data 5</p> |
| <pre> { "changeType": "NTK", "consentSign": true, "contractStart": "2022-07-01", "contractType": "SBTS", "correspondenceAddress": { "apartment": 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, </pre> | <pre> { "notificationId": [id kuriasi vis nauji] } </pre> |

```

"objectNumber": "55555555",
"payoffMethod": null,
"tariffPlan": "Namai",
"timeZone": "2",
"uniqueRoomNo": null
}
],
"ownerInfo": {
"birthDate": "2001-07-21",
"contacts": {
"email2Network": null,
"emailInvoice": null,
"emailNetwork": "pastas222@pastas.lt",
"mobPhoneNo2Network": null,
"mobPhoneNoInvoice": null,
"mobPhoneNoNetwork": "+37062884809",
"telPhoneNoNetwork": null
},
"personCode": "55555555555",
"personName": "Name",
"personSurname": "Surname",
"subjectType": "FAS",
"vatCode": null,
"representativeName": null,
"representativeSurname": null,
"representativeDuty": null
},
"supplierContractNo": "Numeris-555"
}

```

Possible request 6

Possible response data 6

```

{
"changeType": "NTK",
"consentSign": true,
"contractStart": "2022-07-01",
"contractType": "SKMS",
"correspondenceAddress": {
"appartement": null,
"building": "1",

```

```

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

```

```
"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
  }
],
"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 \"İmonė\"",
  "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": {
    "appartement": 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": "76767676",
      "payoffMethod": null,
      "tariffPlan": "Namai",
      "timeZone": "2",
      "uniqueRoomNo": null
    }
  ],
  "ownerInfo": {
    "birthDate": "1921-09-11",
    "contacts": {
      "email2Network": "pastas@gmail.com",
```

Possible response data 7

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

```
"emailInvoice": null,
"emailNetwork": null,
"mobPhoneNo2Network": null,
"mobPhoneNoInvoice": null,
"mobPhoneNoNetwork": "+37067723456",
"telPhoneNoNetwork": null
},
"personCode": "12345678345",
"personName": "Vardenis",
"personSurname": "Pavardenis",
"subjectType": "FAS",
"vatCode": null,
"representativeName": null,
"representativeSurname": null,
"representativeDuty": null
},
"supplierContractNo": "Numeris-777"
}
```

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

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

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

5.7 Notification contract termination controller

5.7.1 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> |
|--|---|

5.7.2 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> | |
|--|--|

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

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

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

5.8 Notification contract tariff plan controller

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

5.8.2 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, "objects":[{ "objectNumber": "11111111", "newTariffPlan": "Namai plius", "newTimeZone": "2", "newPayoffMethod": null }] }</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |
| Possible request 2 | Possible response data 2 |
| <pre>{ "consentSign": true, "objects":[{ "objectNumber": "66666777", "newTariffPlan": null, "newTimeZone": "2", "newPayoffMethod": null }] }</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |
| Possible request 3 | Possible response data 3 |
| <pre>{ "consentSign": true, "objects":[{</pre> | <pre>{ "notificationId": [id kuriasi vis nauji] }</pre> |

| | |
|---|--|
| <pre> "objectNumber": "33333333", "newTariffPlan": "Išmanusis", "newTimeZone": "4", "newPayoffMethod": null }, { "objectNumber": "31313131", "newTariffPlan": "Namai plius", "newTimeZone": "1", "newPayoffMethod": null }] } </pre> | |
|---|--|

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

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

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

5.9 Notification contract contact controller

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

| Resource description | |
|----------------------|--|
| Definition | The method is to obtain a list of contact changes. |

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

| Possible request 1 | Possible response data 1 |
|---|---|
| <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": "11111111111", "consumerCode": "11111111", "contractType": "SBTS", "submittedDate": "2022-01-01T10:00:00", "latestStatus": "P", "errorType": null, "userName": "Vardenis Pavardenis", "newContact": { "newCorrespondenceAddress": "Alytaus g. 1, Alytus", "newMobPhoneNoNetwork": "+37060000001", "newMobPhoneNo2Network": null, "newPhoneNoNetwork": null, "newMobPhoneNoInvoice": null, "newEmailNetwork": null, "newEmail2Network": null, "newEmailInvoice": null }, "contact": { "correspondenceAddress": "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> |

| | |
|---|--|
| | <pre>] }] </pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <pre> { "notificationId": null, "personCode": null, "consumerCode": "22222", "objectNumber": null, "objectAddressSearch": null, "status": null, "submittedDateFrom": null, "submittedDateTo": null, "contractType": null, "newCorrespondenceAddressSearch": null, "newPhoneSearch": null, "newEmailSearch": null, "userNameSearch": null } </pre> | <pre> [{ "notificationId": "10000002", "name": "Įmonės pavadinimas", "surname": null, "personCode": "222222222", "consumerCode": "22222", "contractType": "SKMS", "submittedDate": "2022-01-01T10:00:00", "latestStatus": "IV", "errorType": null, "userName": "Vardenis1 Pavardenis1", "newContact": { "newCorrespondenceAddress": "Ukmergės g. 1, Ukmergė", "newMobPhoneNoNetwork": "+37060000003", "newMobPhoneNo2Network": null, "newPhoneNoNetwork": null, "newMobPhoneNoInvoice": "+37060000004", "newEmailNetwork": "pastas@pastas.lt", "newEmail2Network": "pastas1@pastas.lt", "newEmailInvoice": "pastas2@pastas.lt" }, "contact": { "correspondenceAddress": "Mažeikių g. 1, Mažeikiai", "mobPhoneNoNetwork": "+37060000005", "mobPhoneNo2Network": null, "phoneNoNetwork": null, "mobPhoneNoInvoice": "+37060000006", "emailNetwork": "pastas3@pastas.lt", "email2Network": "pastas4@pastas.lt", "emailInvoice": "pastas5@pastas.lt" }, "objects": [{ "objectNumber": "33333333", "objectAddress": "Mažeikių g. 1, Mažeikiai", "newMobPhoneNoObject": "+37060000006", "mobPhoneNoObject": "+37060000007" }, { "objectNumber": "44444444", "objectAddress": "Mažeikių g. 2, Mažeikiai", "newMobPhoneNoObject": "+37060000008", "mobPhoneNoObject": "+37060000009" }] }, "status": [{ "status": "IV", "statusDate": "2022-01-01T11:20:00" }] } </pre> |

| | |
|--|---|
| | <pre> { "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> |
| | |

5.9.2 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":[</pre> | <pre> { "notificationId": [id kuriasi vis nauji] } </pre> |

| | |
|---|---|
| <pre> { "objectNumber": null, "newMobPhoneNoObject": null }] } </pre> | |
| Possible request 1 | Possible response data 1 |
| <pre> { "consumerCode": "22222", "consentSign": true, "newCorrespondenceAddress":{ "newStreet": "Elektrėnų g.", "newBuilding": "1", "newHousingNo": null, "newAppartement": 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" }] } </pre> | <pre> { "notificationId": [id kuriasi vis nauji] } </pre> |

5.9.3 Method POST

/gateway/notification/{notificationId}/contract/contact/cancel

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

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

5.10 Order controller

5.10.1 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, "orderParametersSearch": 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> |
| Possible request 2 | Possible response data 2 |

| | |
|---|--|
| <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, "orderParametersSearch": 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 | Possible response 3 |
| <pre>{ "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, "orderParametersSearch": null }</pre> | <pre>[{ "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", }]</pre> |

| | |
|---|--|
| | <pre> "statusDate": "2022-03-01T11:01:00", "expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }, { "orderId": 100006, "orderType": "data-hr-15min-obj-lvl", "submittedDate": "2022-03-01T11:00:00", "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "orderParameters": "{\consumptionCategory\":[\"P+\", \"P-\", \"Q+\", \"Q-\"], \objectNumber\": \"88888888\", \"interval\": \"HOUR\"}", "latestStatus": "IV", "statusDate": "2022-03-01T11:01:00", "expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }] </pre> |
| Possible request 4 | Possible response 4 |
| <pre> { "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, "orderParametersSearch": null } </pre> | <pre> [{ "orderId": 100007, "orderType": "data-hr-15min-mtr-lvl", "submittedDate": "2022-03-01T11:00:00", "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "orderParameters": "{\consumptionCategory\":[\"P+\", \"P-\", \"Q+\", \"Q-\"], \objectNumber\": \"22222222\", \"interval\": \"HOUR\"}", "latestStatus": "IV", "statusDate": "2022-03-01T11:01:00", "expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }, { "orderId": 100008, "orderType": "data-hr-15min-mtr-lvl", "submittedDate": "2022-03-01T11:00:00", "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "orderParameters": "{\consumptionCategory\":[\"P+\"], \objectNumber\": \33333333\", \"interval\": \"HOUR\"}", "latestStatus": "IV", "statusDate": "2022-03-01T11:01:00", "expireDate": "2122-03-02T11:01:00", "auto": false, "userName": "PUBLIC" }, { "orderId": 100009, "orderType": "data-hr-15min-mtr-lvl", "submittedDate": "2022-03-01T11:00:00", "dateFrom": "2021-03-01", "dateTo": "2022-02-28", </pre> |

| | |
|--|--|
| | <pre> "orderParameters": "{\\"consumptionCategory\\":[\\"P+\\",\\"P-\\",\\"Q+\\",\\"Q-\\"], \\"objectNumber\\":\\"4444444444\\",\\"interval\\":\\"HOUR\\"}", "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, "dateTo": null, "status": "IV", "auto": false, "userNameSearch": null, "orderParametersSearch": null } </pre> | <pre> [{ "orderId": 100010, "orderType": "report-obj", "submittedDate": "2022-01-01T11:00:00", "dateFrom": "2021-01-01", "dateTo": "2022-04-30", "orderParameters": "{\\"consumerCode\\":null,\\"personCode\\":null, \\"objectNumbers\\":null,\\"contractType\\":null}", "latestStatus": "IV", "statusDate": "2022-01-01T11:01:00", "expireDate": "2122-01-02T11:01:00", "auto": false, "userName": "PUBLIC" }] </pre> |

5.10.2 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": "HOUR" }</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": "HOUR" }</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": "HOUR" }</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": "HOUR" }</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": "HOUR" }</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": "HOUR" }</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> |
|--|---|

5.10.3 Method POST/gateway/order/{orderShortName}

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

| Possible request 1 – 2s2s report | Possible response data 1 |
|---|--|
| <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> |

5.10.4 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 | GET/gateway/order/{orderId}/data-hr-15min-obj-lvl |

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

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

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

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

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

5.10.6 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) |
|--|--|--|
| <pre>{ "orderId": "100001" }</pre> | <pre>[{ "vatInvoiceNumber": "00017996", "vatInvoiceSeries": "EASS", "objects": [{ "contractType": "SKMS", "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, "productConsumptionType": 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, "productConsumptionType": null }] }] }]</pre> | <pre>{ "contractType": "SKMS", "consumerCode": "33333", "personCode": "33333333", "personName": "Įmonės pavadinimas", "personSurname": null, "objectId": "3333331", "objectNumber": "3333332", "objectName": "NAMAS", "objectTypeName": "Namai", "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, "productConsumptionType": null }] }, { "contractType": "SKMS", "consumerCode": "33333", "personCode": "33333333", "personName": "Įmonės pavadinimas", "personSurname": null, "objectId": "3333332", "objectNumber": "3333331", "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", </pre> |

| | | |
|--|--|---|
| | <pre> "billingPeriod":"2022-01-01T00:00:00", "generatingObjectType":null, "tariffPlan":null, "productCode":"TS", "productName":"Technologinės sąnaudos", "productType":null, "consumptionCategory":"P+", "consumptionAmount":21, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":5, "permissiblePowerGeneration":null, "productConsumptionType":null }] }, { "contractType":"SKMS", "consumerCode":"111111", "personCode":"111111111111", "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, "productConsumptionType":null }] } }, { "vatInvoiceNumber":"00023956", "vatInvoiceSeries":"EASS", "objects":[{ "contractType":"SKMS", "consumerCode":"222222", "personCode":"2222222222", "personName":"Vardas1", "personSurname":"Pavardė1", "objectId":222221, "objectNumber":"2222221", "objectName":"Snadėlys", "objectTypeName":"Žemės ūkio paskirties objektai", "objectAddress":"Adresas 3", "autoMetersAmount":0, "products":[</pre> | <pre> "productName":"El. en. persiuntimas vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":3, "permissiblePowerGeneration":null, "productConsumptionType":null }] }, { "vatInvoiceNumber":"00000132", "vatInvoiceSeries":"EASS", "objects":[{ "contractType":"SKMS", "consumerCode":"444444", "personCode":"444444444", "personName":"Įmonės pavadinimas 2", "personSurname":null, "objectId":444444, "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, "productConsumptionType":null }] }] }, { "vatInvoiceNumber":"00036340", "vatInvoiceSeries":"EASS", "objects":[{ "contractType":"SKMS", "consumerCode":"444444", "personCode":"444444444", "personName":"Įmonės pavadinimas 2", "personSurname":null, "objectId":444444, "objectNumber":"44444444", "objectName":"GAMYBINĖS PATALPOS", </pre> |
|--|--|---|

| | | |
|--|--|--|
| | <pre> { "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, "productConsumptionType":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, "productConsumptionType":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"D_VID_APKRSTO", "productName":"El. en. persiuntimas dif. vid. apkrovų tarifu", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null, "productConsumptionType":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, "productConsumptionType":null }, { "generatingObjectType":null, </pre> | <pre> "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, "productConsumptionType":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "tariffPlan":null, "productCode":"D_SVSTO", "productName":"El. en. persiuntimas dif. šeštadienio, sekmadienio ir švenčių tarifu", "productType":"SV", "consumptionCategory":"P+", "consumptionAmount":6216, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, "permissiblePowerGeneration":null, "productConsumptionType":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, "productConsumptionType":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, </pre> |
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| | | |
|--|---|---|
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| Possible request 2 | Possible response data 2 | Possible response data 2 (continuation) |
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| | | |
|--|---|---|
| | <pre> "permissiblePowerConsumption":23.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKS", "productName":"Sukaupos el. energijos kiekis laikotarpio pradziai", "productType":"VK", "consumptionCategory":"P-", "consumptionAmount":6231.97, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":23.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKAAGAMAP", "productName":"El. energijos atgautas kiekis vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P-", "consumptionAmount":2694.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":23.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKTSTO", "productName":"El. energijos trukstamas kiekis vienos laiko zonos tarifu (persiuntimas)", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":0.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":23.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" } }, "objectId":77771 }], { "vatInvoiceNumber":"00031943", "vatInvoiceSeries":"EASS", "objects":[{ "contractType":"SKMS", "consumerCode":"888888", "personCode":"888888888", "personName":"Imonės pavadinimas 5", "personSurname":null, "objectNumber":"88888888", "objectName":"DEGALINĖ", </pre> | <pre> { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MAAAGAMAP", "productName":"El. energijos atgautas kiekis dif. maksim. apkrovų tarifu", "productType":"MA", "consumptionCategory":"P-", "consumptionAmount":444.72, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MATSTO", "productName":"El. energijos trukstamas kiekis dif. maksim. apkrovų tarifu (persiuntimas)", "productType":"MA", "consumptionCategory":"P+", "consumptionAmount":2669.28, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MIAAGAMAP", "productName":"El. energijos atgautas kiekis dif. min. apkrovų tarifu", "productType":"MI", "consumptionCategory":"P-", "consumptionAmount":395.88, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MITSTO", "productName":"El. energijos trukstamas kiekis dif. min. apkrovų tarifu (persiuntimas)", "productType":"MI", "consumptionCategory":"P+", "consumptionAmount":2376.12, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"REAKT_GEN", "productName":"Reaktyviosios el. en. generavimas", "productType":"RG", </pre> |
|--|---|---|

| | | |
|--|---|---|
| | <pre> "objectTypeName":"Prekybos paskirties objektai", "objectAddress":"Adresas 12", "autoMetersAmount":1, "products":[{ "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKGEN", "productName":"El. energijos pateiktas kiekis", "productType":"VK", "consumptionCategory":"P-", "consumptionAmount":11.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKS", "productName":"Sukauptos el. energijos kiekis laikotarpio pabaigai", "productType":"VK", "consumptionCategory":"P-", "consumptionAmount":0.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63, "productConsumptionType":"SPR" }, { "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, "productConsumptionType":"SPR" }, { "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, "productConsumptionType":"SPR" }, </pre> | <pre> "consumptionCategory":"Q-", "consumptionAmount":0.0, "unit":"kVArh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"REAKT_VART", "productName":"Reaktyviosios el. en. vartojimas", "productType":"RV", "consumptionCategory":"Q+", "consumptionAmount":6577.0, "unit":"kVArh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"SVAAGAMAP", "productName":"El. energijos atgautas kiekis dif. šeštadienio, sekmadienio ir švenčių tarifu", "productType":"SV", "consumptionCategory":"P-", "consumptionAmount":194.23, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "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, "productConsumptionType":"SPR" }, { "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, </pre> |
|--|---|---|

| | | |
|--|--|---|
| | <pre> "billingPeriod":"2022-01-01T00:00:00", "productCode":"D_SVSTO", "productName":"El. en. persiuntimas dif. šeštadienio, sekmadienio ir švenčių tarifu", "productType":"SV", "consumptionCategory":"P+", "consumptionAmount":520.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63, "productConsumptionType":"SPR" }, </pre> | <pre> "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"VDTSTO", "productName":"El. energijos trūkstamas kiekis dif. vid. apkrovų tarifu (persiuntimas)", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":3188.74, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null, "productConsumptionType":"SPR" }], "objectId":9999999 }] </pre> |
|--|--|---|

5.10.7 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 |

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

| Resource description | |
|----------------------|---|
| Definition | Method which will return count (number), how many items Supplier will get in ordered report (reports could have more than 1 item, so it is List). It should be used when supplier need to split data in few portions. This response should be used in reports' GET methods request, where Supplier can provide method parameters information. |

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

5.10.9 Method POST/gateway/order/data-hr-15min-mtr-lvl-acr

| Resource description | |
|--|---|
| Definition | The method is designed for ordering data for automated quantities at the counter level according to the rights granted. |
| Detailed description of method in API documentation (ENG) | POST/gateway/order/data-hr-15min-mtr-lvl-acr |
| 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":["22222222"], "interval":"HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis nauji] }</pre> |
| Possible request 2 | Possible response 2 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+"], "objectNumbers":["33333333"], "interval":"HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 3 | Possible response 3 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers":["44444444"], "interval":"HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |

5.10.10 Method POST/gateway/order/data-hr-15min-obj-lvl-acr

| Resource description | |
|--|--|
| Definition | The method is designed for ordering data for automated quantities at the object level according to the rights granted. |
| Detailed description of method in API documentation (ENG) | POST/gateway/order/data-hr-15min-obj-lvl-acr |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response 1 |
|---|---|
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers": ["55555555"], "interval": "HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 2 | Possible response 2 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+", "P-", "Q+", "Q-"], "objectNumbers": ["66666666"], "interval": "HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |
| Possible request 3 | Possible response 3 |
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "consumptionCategories": ["P+"], "objectNumbers": ["77777777"], "interval": "HOUR" }</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": ["88888888"], "interval": "HOUR" }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |

5.10.11 Method POST/gateway/order/report-obj-acr

| Resource description | |
|--|---|
| Definition | The method is for order a report of objects according to the granted rights. |
| Detailed description of method in API documentation (ENG) | POST/gateway/order/report-obj-acr |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response 1 |
|---|---|
| <pre>{ "objectNumbers":["11111111"] }</pre> | <pre>{ "orderId": [id kuriasi vis naujas] }</pre> |

5.10.12 Method POST/gateway/order/data-sum-obj-lvl-acr

| Resource description | |
|--|---|
| Definition | The method is for order a report of total quantities according to the granted rights. |
| Detailed description of method in API documentation (ENG) | POST/gateway/order/data-sum-obj-lvl-acr |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request 1 | Possible response data 1 |
|--|--|
| <pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", "objectNumbers": ["99999999"] }</pre> | <pre>{ "orderId": [id kuriasi vis nauji] }</pre> |

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

| Resource description | |
|----------------------|---|
| Definition | The method for receive the order report "Automated quantities at the object level according to the granted rights". |

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

| Possible request | Possible response |
|-------------------------------|---|
| { "orderId": "100011" } | Possible response is submitted in the .csv file of the report |
| { "orderId": "100012" } | |
| { "orderId": "100013" } | |
| { "orderId": "100014" } | |

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

| Resource description | |
|--|---|
| Definition | The method for receive the order report " Automated quantities at the meter level based on granted rights". |
| Detailed description of method in API documentation (ENG) | GET /gateway/order/{orderId}/data-hr-15min-mtr-lvl-acr?first={integer}&count={integer} |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request | Possible response |
|-------------------------------|-------------------|
| { "orderId": "100015" } | |
| { "orderId": "100016" } | |
| { "orderId": "100017" } | |

5.10.15 Method GET /gateway/order/{orderId}/report-obj-acr

| Resource description | |
|--|---|
| Definition | The method for used to the order report "Report of objects by granted rights". |
| Detailed description of method in API documentation (ENG) | GET /gateway/order/{orderId}/report-obj-acr?first={integer}&count={integer} |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |
| | |

| Possible request | Possible response |
|--------------------------------------|---|
| <pre>{ "orderId": "100018" }</pre> | <pre>[{ "consumerCode": "11111111", "personCode": "11111111111", "personName": "Vardas1", "personSurname": "Pavardė1", "objectId": 100020, "objectNumber": "11111111", "objectName": "Daugiabutis namas,laiptinė", "objectType": "Butas", "objectAddress": "Vilniaus g. 1, Vilnius", "contractType": "SBTS", "contractModel": "BSS", "permissiblePowerConsumption": 7, "permissiblePowerGeneration": null, "metersAmount": 2, "autoMetersAmount": 0, "smartMeterInstallationDate": null, "supplyState": "T", "supplyStateFrom": "1990-01-01", "supplyStateTo": null, "consumptionState": "V", "consumptionStateFrom": "1990-01-01", "consumptionStateTo": null, "productsAmount": 1, "scalesAmount": 2, "technologicalCosts": "false", "payoffMethod": null, "generatingObjectType": null, "generatingObjectTypeFrom": null, "generatingObjectTypeTo": null, "powerPlantType": null, "voltage": 0.04, "tariffPlan": "Standartinis", "tariffPlanChangeDate": "2020-07-01", "timeZone": null }]</pre> |

5.10.16 Method GET /gateway/order/{orderId}/data-sum-obj-lvl-acr

| Resource description | |
|--|---|
| Definition | The method is used to obtain the requested "Aggregate quantities by entitlement" report. |
| Detailed description of method in API documentation (ENG) | GET /gateway/order/{orderId}/data-sum-obj-lvl-acr?first={integer}&count={integer} |
| Request URL | https://dh-sandbox-api-v2.eso.lt/swagger-ui.html |

| Possible request | Possible response |
|--------------------------------------|--|
| <pre>{ "orderId": "100019" }</pre> | <pre>[{ "personCode": "911111111", "personName": "Aukštoji mokykla", "personSurname": null, "objectId": 91111111, "objectNumber": "99999999", "products": [{ "productCode": null, "productName": null, "productType": "RG", "unit": null, "consumptionCategories": [{ "category": "Q-", "consumptions": [{ "billingPeriod": "2021-10-01", "consumptionAmount": 62, "productConsumptionType": null }] }] }], "productCode": null, "productName": null, "productType": "RV", "unit": null, "consumptionCategories": [{ "category": "Q+", "consumptions": [{ "billingPeriod": "2021-10-01", "consumptionAmount": 272, "productConsumptionType": null }] }] }]</pre> |

| | |
|--|---|
| | <pre>] }] }, { "productCode": null, "productName": null, "productType": "VK", "unit": null, "consumptionCategories": [{ "category": "P+", "consumptions": [{ "billingPeriod": "2021-10-01", "consumptionAmount": 645, "productConsumptionType": null }] }] }] }] }]] </pre> |
|--|---|

5.11 Notification cancellation controller

5.11.1 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 |
|---|---|
| <pre> { "notificationId":10000001, "cancelledNotificationId": null, "cancelledNotificationType":["NTK"], </pre> | <pre> [{ "notificationId":10000001, "cancelledNotificationId":100010, "cancelledNotificationType":"NTK", "cancelledFullNotification": true, </pre> |

| | |
|---|--|
| <pre> "objectNumber": null, "objectAddressSearch": null, "submittedDateFrom": null, "submittedDateTo": null, "status":["P"], "userNameSearch":null } </pre> | <pre> "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> |
|---|--|

5.11.2 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> |

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

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

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

5.12 Notification contract object supply state controller

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

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

| Possible request 1 | Possible response data 1 |
|--|--|
| <pre>{ "notificationId": null, "personCode": null, "consumerCode": null, "objectNumber": "11111111", "objectAddressSearch": null, "changeType": ["D"], "status": ["IV"], "submittedDateFrom": null, "submittedDateTo": null, "contractType": null, "contractModel": null, "userNameSearch": 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", "personSurname": "Pavardė1", "personCode": "*****111", "consumerCode": "11111111", "contractType": "SBTS", "contractModel": "BSS", "objectSupplyState": "T", </pre> |

| | |
|--|---|
| | <pre> "objectSupplyStateValidFrom":"1990-01-01", "objectSupplyStateValidTo":null, "sociallyVulnerable":false }, "supplyStateNotificationStatus":[{ "status":"IV", "statusDate":"2022-07-15T10:00:00" }, { "status":"V", "statusDate":"2022-07-01T09:59:00" }, { "status":"I", "statusDate":"2022-07-01T09:58:00" }, { "status":"P", "statusDate":"2022-07-01T08:58:00" }] }] </pre> |
| <p>Possible request 2</p> | <p>Possible response data 2</p> |
| <pre> { "notificationId": null, "personCode": null, "consumerCode": "12121212", "objectNumber": null, "objectAddressSearch": null, "changeType":["C"], "status":null, "submittedDateFrom": null, "submittedDateTo": null, "contractType": null, "contractModel": null, "userNameSearch": null } </pre> | <pre> [{ "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", </pre> |

```
"objectSupplyStateValidFrom":"2021-01-01",
"objectSupplyStateValidTo":null,
"sociallyVulnerable":false
},
"supplyStateNotificationStatus":[
  {
    "status":"IV",
    "statusDate":"2022-07-15T10:00:00"
  },
  {
    "status":"V",
    "statusDate":"2022-07-01T09:59:00"
  },
  {
    "status":"I",
    "statusDate":"2022-07-01T09:58:00"
  },
  {
    "status":"P",
    "statusDate":"2022-07-01T08:58:00"
  }
]
},
{
  "notificationId":10000003,
  "changeType":"C",
  "notes":null,
  "submittedDate":"2022-07-01T10:00:00",
  "latestStatus":"P",
  "errorType":null,
  "userName":"Naudotojo vardas1",
  "currentObjectData":{
    "objectNumber":"14725836",
    "objectAddress":"Kauno g. 2, Kaunas",
    "personName":"Vardas",
    "personSurname":"Pavardė",
    "personCode":"*****111",
    "consumerCode":"12121212",
    "contractType":"SBTS",
    "contractModel":"BSS",
    "objectSupplyState":"T",
    "objectSupplyStateValidFrom":"2022-01-01",
    "objectSupplyStateValidTo":null,
    "sociallyVulnerable":false
  }
},
```

| | |
|--|---|
| | <pre> "supplyStateNotificationStatus":[{ "status":"P", "statusDate":"2022-07-01T08:58:00" }] }] </pre> |
|--|---|

5.12.2 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":"DD", "notes":"Atjungimas dėl skolos", "consentSign": true, "objectNumber":"11111111" } </pre> | <pre> { "notificationId": [id kuriasi vis nauji] } </pre> |

5.12.3 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. |