

API documentation (sandbox)

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1. Documentation version history

The table below provides information on document version history:

Version	Date	Description
1.0	2021-03-19	New documentation format. From now on, all data is provided only in the main description of the API.
1.0	2021-03-19	Updated JSON specification of POST /reports/accounting-data-pack-b2c?first={integer}?count={integer} method. Added new fields. Mocking data will be shared after deployment.
1.0	2021-03-19	Updated JSON specification of POST /reports/accounting-data-pack-b2b-meters-level method. Added new fields. Mocking data will be shared after deployment.
1.1	2021-03-23	Added new version of method: <ul style="list-style-type: none"> GET /gateway/supplier/v3/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}
1.2	2021-05-10	(will be deployed in next sprint) Rename "contractType" to "contractModel" and added new json fields: "clientName", "contractType", "currentSupplierType" in: <ul style="list-style-type: none"> Method client objects information
1.3	2021-09-02	(will be deployed in next sprint) Added contract data controller.
1.4	2021-09-20	(will be deployed in next sprint) Added contract termination data controller.
1.5	2021-10-08	Added supplier change notification v2 controller
1.6	2021-10-15	The structure of the sample data has been changed to json format (contract termination data controller, supplier change notification v2 controller).
1.7	2021-10-27	Added new json fields: "noCoowner", "ntGetCoownerConsent", "coownerConsentDate" in: <ul style="list-style-type: none"> Method contract-termination-details (possible response data) Method contract-termination-notification (possible request)
1.8	2021-11-29	The structure of the sample data has been changed to json format: <ul style="list-style-type: none"> contract change notification controller

Version	Date	Description
1.9	2021-12-14	Added the new contract object controller
2.0	2021-12-14	Added the new tariff plan change notification controller
2.1	2021-12-22	Added the new contract list controller
2.2	2021-12-22	Added the new contact change notification controller
2.3	2021-12-22	Added the new order controller
2.4	2022-01-24	<ul style="list-style-type: none"> Added the new sandbox method: „POST /gateway/object/all/active/list?first={ integer }&count={ integer }&sortKey={ string }&sortOrder={ ASC/DSC }“ Changed the controller name from “Contract object controller” into “Object controller” Changed url from “POST /gateway/contract-object/list?first={ integer }&count={ integer }&sortKey={ string }&sortOrder={ ASC/DSC }” into “POST /gateway/object/my/active/list?first={ integer }&count={ integer }&sortKey={ string }&sortOrder={ ASC/DSC }”
2.5	2022-01-24	<p>Changed „Tariff plan change notification controller“ into „Notification contract tariff plan controller“</p> <p>Changed URL in the Notification contract tariff plan controller:</p> <ul style="list-style-type: none"> POST /gateway/notification/contract/tariff-plan/list?first={ integer }&count={ integer }&sortKey={ string }&sortOrder={ ASC/DSC } POST /gateway/notification/contract/tariff-plan POST /gateway/notification/{ notificationId }/contract/tariff-plan/cancel <p>Changed „Contact change notification controller“ into „Notification contract contact controller“</p> <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

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

Version	Date	Description
		<ul style="list-style-type: none"> Method GET/gateway/order/{orderId}/2s2s
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

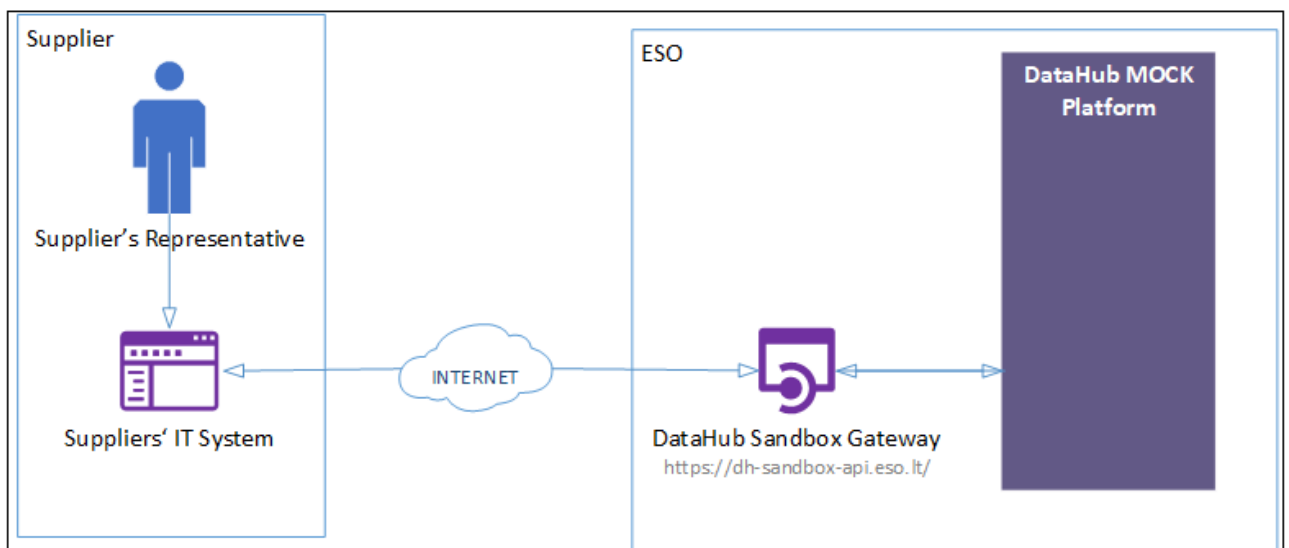
2. Preface

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

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

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

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



3. Environments

There are two DataHub Gateway environments the supplier might access:

- “Sandbox” environment
- Production environment

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

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

4. Suppliers digital certifications

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

To get started:

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

5. Mocking scenarios

5.1 Supplier change notification

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

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

5.2 Client object information

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

5.3 Access rights controller

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

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

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

5.4 Data Order controller

This controller has two methods:

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

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

6. DataHub Gateway API documentation

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

6.1 Declaration controller

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

6.1.1 Method get-declaration-data (v2)

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/v2/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}
Request URL	https://dh-sandbox-api.eso.lt/gateway/supplier/v2/get-declaration-data?first={integer}&count={integer}&customerId={string}&objectNumber={string}

Possible request for GET declaration data (B2C)

customerId	objectNbr
10888891	12888800
10777789	12777789

Possible response data

clientId	customerId	clientName	readings[].objectNumber	readings[].objectAddress	readings[].counterNumber	readings[].scaleMaxchar	readings[].conversionPoss	readings[].scales[] . scaleId	readings[].scales[] . scaleType	readings[].scales[] . readingFromData	readings[].scales[] . readingMin		
36513455654	10888891	Marius Pranaitis	12888800	Kazio Ulvydo g. 12-888, Vilnius, 08335 Vilniaus m. sav., Vilniaus apskr.	01888853	7	false	30001	VT	VK	2020-10-31T23:59:00	9114	7719
36513455655	10777789	NERIJUS JONAITIS	12777789	Kazio Ulvydo g. 12-777, Vilnius, 08335 Vilniaus m. sav., Vilniaus apskr.	01777755	7	true	30002	+Wsu mT 2	DD	2020-10-31T23:59:00	2470	2177

									30003	+WsumT4	NK	2020-10-31T23:59:00	2020	1819
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Possible request for GET declaration data (B2B)

customerId	objectNbr
499995	48999908

Possible response data

clientId	customerId	clientName	readings[].objectNumber	readings[].objectAddress	readings[].counterNumber	readings[].scaleMaxchar	readings[].conversionPoss	readings[].scaleId	readings[].scaleIdentifier	readings[].scaleType	readings[].readingFromDate	readings[].readingFrom	readings[].readingMin
272222230	499995	UAB "IMONĖ"	48999908	4, Ryto g., Švenčionių sen., 18105 Švenčionių r. sav., Vilniaus apskr.	999995	8	false	30004	+WsumT1	MA	2020-10-25T00:00	26947	26594
								30005	+WsumT2	VD	2020-10-25T00:00	56048	55208

	30006	+WsumT3	MI	2020-10-25T00:00	2033	1664
	30007	+WsumT4	SV	2020-10-25T00:00	4992	4656
	30008	+QsumTS	RV	2020-10-25T00:00	10153 2	101074
	30009	-QsumTS	RG	2020-10-25T00:00	518	184

6.1.2 Method get-declaration-data (v3)

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

Possible request for GET declaration data (B2C)

customerId	objectNbr
10888891	12888800
10777789	12777789

Possible response data

clientId	customerId	clientName	readings[].objectNumber	readings[].objectAddress	readings[].counterNumber	readings[].scaleMaxchar	readings[].conversionPoss	readings[].scales[].scaleId	readings[].scales[].scaleIdentifier	readings[].scales[].scaleType	readings[].scales[].readingFromDate	readings[].scales[].readingFrom	readings[].scales[].readingMin	readings[].scales[].readingSource
36513455654	10888891	Marius Pranaitis	12888800	Kazio Ulvyd o g. 12-888, Vilnius, 08335 Vilniaus m. sav.,	01888853	7	false	30001	VT	VK	2020-10-31T23:59:00	7719	7719	L

				Vilnia us apskr.										
365134556 55	107777 89	NERIJU S JONAIT IS	127777 89	Kazio Ulvyd o g. 12- 777, Vilniu s, 08335 Vilnia us m. sav., Vilnia us apskr.	017777 55	7	true	30002	+Wsum T2	DD	2020-10- 31T23:59: 00	2470	2177	V
								30003	+Wsum T4	NK	2020-10- 31T23:59: 00	2020	1819	V

Possible request for GET declaration data (B2B)	
customer Id	objectNbr
499995	48999908
Possible response data	

clientId	customerId	clientName	readings[].objectNumber	readings[].objectAddress	readings[].counterNumber	readings[].scaleMaxchar	readings[].conversionPoss	readings[].scales[].scaleId	readings[].scales[].scaleIdentifier	readings[].scales[].scaleType	readings[].scales[].readingFromDate	readings[].scales[].readingFrom	readings[].scales[].readingMin	readings[].scales[].readingSource
272222230	499995	UAB "IMON È"	48999908	4, Ryto g., Švenčionių sen., 18105 Švenčionių r. sav., Vilniaus apskr.	999995	8	false	30004	+WsumT1	MA	2020-10-25T00:00	26947	26594	D
								30005	+WsumT2	VD	2020-10-25T00:00	56048	55208	D
								30006	+WsumT3	MI	2020-10-25T00:00	2033	1664	D
								30007	+WsumT4	SV	2020-10-25T00:00	4992	4656	D
								30008	+QsumTS	RV	2020-10-25T00:00	101532	101074	D

	30009	- QsumTS	RG	2020- 10- 25T00:0 0	518	184	D
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6.1.3 Method POST /gateway/declaration/reading/list

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

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

6.1.4 Method send-declaration-data

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

Possible request data

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

Possible response data

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

6.2 Supplier change notification controller

6.2.1 Method supplier-change-notifications

Resource description	
Definition	The supplier submits notifications on the contracts concluded by the supplier with customers (when changing the supplier).
Detailed description of method in API documentation (ENG)	POST /supplier/v2/supplier-change-notifications (new)
Request URL	https://dh-sandbox-api.eso.lt/mock/supplier/v2/supplier-change-notification

Possible request for supplier change notification

clientId	consumer Code	contractNo	contractStart	objectCodes[].code	objectCodes[].contractType	clientPermission
89876543210	null	CN00001	2020-11-01	60000, 70000	TYPE_BSS	Yes, I confirm that I have the

						customer's consent to use the data.
Possible response data						
id						
001						

6.2.2 Method cancel-supplier-change-notifications

Resource description	
Definition	The supplier submits cancellation of notifications on the contracts concluded by the supplier with customers.
Detailed description of method in API documentation (ENG)	POST /supplier/cancel-supplier-change-notification
Request URL	https://dh-sandbox-api.eso.lt/mock/supplier/cancel-supplier-change-notification

Possible request for supplier change notification	
id	
001	
Possible response data	
If the request is successful, an HTTP 201 Created message is returned	

6.2.3 Method client-objects-information

Resource description	
Definition	Method to find new or existing client information. This method is providing client information which can be used when calling supplier change notification method.
Detailed description of method in API documentation (ENG)	POST /supplier/client/client-objects-information (new)
Request URL	https://dh-sandbox-api.eso.lt/mock/client/client-object-information

Possible Request 1 for method			
clientId	customerId	objectNumber	clientPermission

798765432	null	null	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	11111	null	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	null	40000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
798765432	11111	40000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)

Possible Response 1 for method

customerId	clientId	objectNumber	objectAddress	contractType	automationLevel
11111	798765432	40000	Lygumų g. 44-4, Didžioji Riešė, Riešės sen., 44444 Vilniaus r. sav.	BSS	partial

Possible Request 2 for method

clientId	customerId	objectNumber	clientPermission
12345678911	null	null	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	22222222	null	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	null	60000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
12345678911	22222222	60000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)

Possible Response 2 for method					
customerId	clientId	objectNumber	objectAddress	contractType	automationLevel
22222222	12345678911	60000	Plytinės g. 8B, Bajorai, Vilnius., 3000 Vilniaus m. sav.	BSS	none

Possible Request 3 for method			
clientId	customerId	objectNumber	clientPermission
898765432	null	null	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	null	60000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)
null	null	70000	I confirm that the consent of the specified person / company has been obtained to see the data of the list of objects belonging to him (customer code, object number, object address and current contract model)

Possible Response 3 for method					
customerId	clientId	objectNumber	objectAddress	contractType	automationLevel
12345	898765432	60000	Platumų g. 11, Vilnius., 3000 Vilniaus m. sav.	BSS	full
54321	898765432	70000	Pagirionių g. 1-5, Vilnius., 3000, Vilniaus m. sav.	2S2S	none

6.3 Access rights controller

6.3.1 Method data-access-rights

Resource description	
Definition	The supplier can grant rights by his self to access clients historical data if has client agreement.

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

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

Possible Request for method							
No.	objectNumber	customerId	expires	contactEmail	contactPhone	contactNotes	clientPermission
1	60000	22222	2021-08-20	company@domain.com	+3705123456	Contact me by phone.	I confirm that the consent of the specified person / company to receive and process personal / company data has been obtained (person's name, surname / company name, person / company code, address, contact details, facility and electricity consumption data).
2	40000	79876543210	2020-11-01	<u>Vardenis Pavardenis4@gmail.com</u>	+37066699999	Test Note	I confirm that the consent of the specified person / company to receive and process personal / company data has been obtained (person's name, surname / company name, person / company code, address, contact details, facility and electricity consumption data).
Possible Response for method							
1	If the request is successful, an HTTP 201 Created message is returned						
2	if the request is not successful, one of the error will occur.						

6.3.2 Method granted-objects

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

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

Possible Response data /gateway/notification/contract											
customerId	objectNumber	objectAddress	automationalLevel	clientName	expires	contactEmail	contactPhone	contactNotes	downloadDate	source	issueDate
11111	40000	Lygumų g. 44-4, Didžioji Riešė, Riešė sen., 44444 Vilniaus r. sav.	1	Vardenis Pavarde nis4	2020-11-01	Vardenis@gmail.com	+37066699999	Test Note	2020-10-01	ES OS	2020-10-01
22222	60000	Plytinės g. 8B, Bajorai, Vilni	3	AB Company	2021-08-20	company@domain.com	+3705123456	Contact me by phone	2020-08-05	DH	2020-08-01

		us., 3000 Vilni aus m. sav.									
--	--	--	--	--	--	--	--	--	--	--	--

6.3.3 Method data-access-rights/delete

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

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

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

6.4 Data orders controller

6.4.1 Method data-orders

Resource description	
Definition	The supplier can request the customer's historical object consumption data, which can consist of 4 files (objektai.csv, suminiai.csv, valandiniai.csv ir sutikimai.csv)
Sample file	See sample file content below.
Detailed description of method in API documentation (ENG)	POST /data/data-orders

Request URL	https://dh-sandbox-api.eso.lt/mock/data/data-orders
--------------------	---

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

Possible Request for method						
includeAllObjects	includeHourlyReadings	includeSummaryReadings	code	consumerCode	periodEnd	periodStart
true	true	true	40000,60000	11111,2222	2020-09	2018-10
Possible Response for method						
orderId						
50241						

6.4.2 Method data-orders/{orderId}/data





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

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

Possible Response for method
[50241.zip](#)

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

Name

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

6.5 Report controller

6.5.1 Method accounting-data-pack-b2c

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

6.5.2 Method accounting-data-pack-b2c-count

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

6.5.3 Method accounting-data-pack-b2b

Resource description	
Definition	Report which will return accounting data in object level for Business clients. If object has 2 meters, this report will return counted data (sum of meters information which includes sum of scale consumption amounts and sum of amounts to pay for).
Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2b?first={integer}&count={integer} Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html .
Request URL	https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b?first={integer}&count={integer}

6.5.4 Method accounting-data-pack-b2b-count

Resource description	
Definition	Method which will return count (number), how many items Supplier will get in „POST /reports/accounting-data-pack-b2b“ 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“ method request, where Supplier can provide method parameters information.
Detailed description of method in API documentation (ENG)	POST /reports/accounting-data-pack-b2b-count
Request URL	https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-count

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

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

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

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

Request URL	https://dh-sandbox-api.eso.lt/mock/reports/accounting-data-pack-b2b-meters-level-count
--------------------	---

6.5.7 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/duomenai-mainu-platforma/dokumentai.html .
Request URL	https://dh-sandbox-api.eso.lt/mock/reports/objects-data-pack?first={integer}&count={integer}

6.5.8 Method objects-data-pack-count

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

6.6 Object controller

6.6.1 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, "auctionDate": null, "technologicalCosts": false, }]</pre>

```
}
```

```
"productsAmount": 1,  
"scalesAmount": 1,  
"metersAmount": 2,  
"autoMetersAmount": 0,  
"supplier":{  
  "supplierType": "NT",  
  "contractStart": "2021-10-01",  
  "contractEnd": null,  
  "contractModel": "BSS"  
},  
"objectStates":[  
  {  
    "stateType": "VBS",  
    "state": "V",  
    "stateValidFrom": "1990-01-01",  
    "stateValidTo": null  
  },  
  {  
    "stateType": "ETB",  
    "state": "T",  
    "stateValidFrom": "1990-01-01",  
    "stateValidTo": null  
  }  
],  
"voltage": 0.4,  
"powerPlantType": null  
"objectPowers":[  
  {  
    "powerType": "LOG",  
    "power": 7,  
    "reliabilityCategoryType": „3“,  
    "powerValidFrom": "2013-01-01",  
    "powerValidTo": null  
  }  
],  
"generatingObject":{  
  "generatingObjectType": null,  
  "payoffMethod": null,
```

```
"generatingObjectTypeFrom": null,
"generatingObjectTypeTo": null
},
"tariff":{
  "tariffPlan": "Standartinis",
  "timeZone": "1",
  "tariffPlanChangeDate": "2020-07-01"
},
"meters":[
  {
    "meterNumber": "11111",
    "meterTypeName": "EA52grn/1",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  },
  {
    "meterNumber": "8888",
    "meterTypeName": "",
    "meterScaleLength": 8,
    "conversionPoss": false,
    "meterAutomated": false
  }
],
"contract":{
  "consumerCode": "11111111",
  "contractType": "SBTS",
  "personName": "Vardas1",
  "personSurname": "Pavardė1",
  "personCode": "*****111",
  "personType": "FAS",
  "personIndividual": true,
  "contact":{
    "mobPhoneNoNetwork": "+37060000001",
    "mobPhoneNo2Network": null,
    "mobPhoneInvoice": null,
    "phoneNoNetwork": null,
    "emailNetwork": "vardas1.pavarde1@pastas.lt",
    "email2Network": null,
```


	<pre> "emailInvoice": null, "correspondenceAddress": " Vilniaus g. 1, Vilnius", "mobPhoneNoObject":null } } }] </pre>
--	--

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

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

Possible request 1	Possible response data 1
<pre> { "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, "objectNumber": null, </pre>	<pre> [{ "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****910", </pre>

```
"personCode": "12345678910"  
}
```

```
"consumerCode": "12121212",  
"objectNumber": "98765432",  
"meters": [  
  {  
    "meterNumber": "1234"  
  },  
  {  
    "meterNumber": "12345"  
  }  
],  
"objectAddress": "Kauno g. 1, Kaunas",  
"contractType": "SBTS",  
"contractModel": "BSS",  
"supplierType": "NT",  
"timeLimitedObjectValidTo": null,  
"tariffPlan": "Standartinis",  
"timeZone": "2",  
"generatingObjectType": null,  
"payoffMethod": null,  
"ownershipDocumentNumber": null,  
  
"supplyOwnership": "MY",  
"contractStart": "2022-01-01",  
"contractEnd": null,  
"objectPowers": [  
  {  
    "powerType": "LOG",  
    "power": "0,4",  
  
    "powerValidFrom": "2020-01-01",  
    "powerValidTo": null  
  }  
]  
},  
{  
  "personName": "Vardas",  
  "personSurname": "Pavardė",
```

	<pre>"personCode": "*****910", "consumerCode": "12121212", "objectNumber": "14725836", "meters": [{ "meterNumber": "9090" }], "objectAddress": "Kauno g. 2, Kaunas", "contractType": "SBTS", "contractModel": "BSS", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "Standartinis", "timeZone": "2", "generatingObjectType": "G", "payoffMethod": "G", "ownershipDocumentNumber": null, "supplyOwnership": "MY", "contractStart": "2022-01-01", "contractEnd": null, "objectPowers": [{ "powerType": "LOG", "power": "0,4", "powerValidFrom": "2020-01-01", "powerValidTo": null }]] }</pre>
--	--

Possible request 2

Possible response data 2

```
{
  "consumerCode": null,
  "meterNumber": "4321",
  "objectDataConsentSign": true,
  "objectNumber": null,
  "personCode": null
}
```

```
[
  {
    "personName": "Vardas",
    "personSurname": "Pavardė",
    "personCode": "*****555",
    "consumerCode": "14725836",
    "objectNumber": "12345678",
    "meters": [
      {
        "meterNumber": "4321"
      }
    ],
    "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
    "contractType": "SBTS",
    "contractModel": "BSS",
    "supplierType": „VT“,
    "timeLimitedObjectValidTo": "2200-12-01",
    "tariffPlan": "Išmanusis",
    "timeZone": "4",
    "generatingObjectType": "G",
    "payoffMethod": "E",
    "ownershipDocumentNumber": "ABC123",

    "supplyOwnership": "MY",
    "contractStart": "2022-01-01",
    "contractEnd": null
  },
  {
    "personName": "Vardas1",
    "personSurname": "Pavardė1",
    "personCode": "*****345",
    "consumerCode": "88888888",
    "objectNumber": "76767676",
    "meters": [
      {
```

	<pre> "meterNumber": "4321" }], "objectAddress": "Nidos g., 1, Nida", "contractType": "SBTS", "contractModel": "BSS", "supplierType": „NT“, "timeLimitedObjectValidTo": "2200-10-01", "tariffPlan": "Namai plus", "timeZone": "2", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": "123-ABC", "supplyOwnership": "MY", "contractStart": "2022-01-01", "contractEnd": null }] </pre>
--	---

33333333 Possible request 3	Possible response data 3
------------------------------------	---------------------------------

<pre> { "consumerCode": "77777777", "meterNumber": null, "objectDataConsentSign": true, "objectNumber": null, "personCode": null } </pre>	<pre> [{ "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****123", "consumerCode": "77777777", "objectNumber": "22222222", "meters": [{ "meterNumber": "10101" }], "objectAddress": "Laisvės pr. 1 00001 Vilnius", </pre>
---	--

```
"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
},
{
  "personName": "Vardas",
  "personSurname": "Pavardė",
  "personCode": "*****123",
  "consumerCode": "77777777",
  "objectNumber": "33333333",
  "meters": [
    {
      "meterNumber": "10102"
    }
  ],
  "objectAddress": "Laisvės pr. 2 00002 Vilnius",
  "contractType": "SBTS",
  "contractModel": "BSS",
  "supplierType": "VT",
  "timeLimitedObjectValidTo": null,
  "tariffPlan": "Namai plius",
  "timeZone": "2",
  "generatingObjectType": "G",
  "payoffMethod": "M",
  "ownershipDocumentNumber": null,
```

	<pre> "supplyOwnership": "MY", "contractStart": "1900-01-01", "contractEnd": null }, { "personName": "Vardas", "personSurname": "Pavardė", "personCode": "*****123", "consumerCode": "77777777", "objectNumber": "31313131", "meters": [{ "meterNumber": "8899" }], "objectAddress": "Palangos g. 2, Palanga", "contractType": "SBTS", "contractModel": "BSS", "supplierType": "VT", "timeLimitedObjectValidTo": null, "tariffPlan": "Standartinis", "timeZone": "2", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": null, "supplyOwnership": "MY", "contractStart": "2014-05-01", "contractEnd": null }] </pre>
<p>Possible request 4</p>	<p>Possible response data 4</p>
<pre> { "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, </pre>	<pre> [{ "personName": "Įmonės pavadinimas", "personSurname": null, </pre>

<pre> "objectNumber": "444444444", "personCode": null } </pre>	<pre> "personCode": "123456789", "consumerCode": "66666", "objectNumber": "444444444", "meters": [{ "meterNumber": "9876" }], "objectAddress": "Šiaulių g. 8, Šiauliai", "contractType": "SKMS", "contractModel": "2S2S", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų", "timeZone": "N", "generatingObjectType": null, "payoffMethod": "E" "ownershipDocumentNumber": null, "supplyOwnership": "NOT_MY", "contractStart": null, "contractEnd": null }] </pre>
--	---

6.7 Contract controller

6.7.1 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", "mobPhoneNoObject": null, </pre>

	<pre> "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>
--	---

6.8 Notification contract controller - new

6.8.1 Method POST /gateway/notification/contract/list

Resource description	
Definition	Method to obtain change information of the contract owner.
Detailed description of method in API documentation (ENG)	<p>POST /gateway/notification/contract/list?first={integer}&count={integer}&sortOrder={ASC/DSC}</p> <p>Response description are provided in additional document - https://www.eso.lt/lt/duomenu-mainu-platforma/dokumentai.html.</p>

Request URL<https://dh-sandbox-api-v2.eso.lt/swagger-ui.html>**Possible request 1**

```
{
  "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
}
```

Possible response data 1

```
[
  {
    "notificationId": 100005,
    "changeType": "SK",
    "contractType": "SBTS",
    "contractStart": "2021-08-01",
    "supplierContractNo": null,
    "notes": "Pastaba 123",
    "userName": "PUBLIC",
    "submittedDate": "2021-07-13T08:58:00",
    "latestStatus": "IV",
    "errorType": null,
    "correspondenceAddress": {
      "addressLine": "Adreso g. 1, Vilnius",
      "street": "Adreso g.",
      "building": "1",
      "housingNo": null,
      "apartment": null,
      "locality": "Vilnius",
      "eldership": null,
      "municipality": null,
      "county": null
    },
    "ownerInfo": {
      "subjectType": "FAS",
      "personName": "Vardas5",
      "personSurname": "Pavardė5",
    }
  }
]
```

```
"personCode": "*****363",
"birthDate": null,
"vatCode": null,
"contacts": {
  "mobPhoneNoNetwork": "+37061234567",
  "mobPhoneNo2Network": null,
  "mobPhoneNoInvoice": null,
  "telPhoneNoNetwork": null,
  "emailNetwork": "vardas.pavarde@pastas.lt",
  "email2Network": null,
  "emailInvoice": null
}
},
"contractNotificationStatus": [
  {
    "status": "IV",
    "statusDate": "2021-07-13T10:00:00"
  },
  {
    "status": "V",
    "statusDate": "2021-07-13T09:59:00"
  },
  {
    "status": "I",
    "statusDate": "2021-07-13T09:58:00"
  },
  {
    "status": "P",
    "statusDate": "2021-07-13T08:58:00"
  }
],
"objects": [
  {
```

```
"objectNumber": "50725836",
"objectAddress": "Kauno g. 2, Kaunas",
"contractModel": "BSS",
"tariffPlan": "Standartinis",
"timeZone": "1",
"payoffMethod": "E",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": null
},
{
"objectNumber": "50765432",
"objectAddress": "Kauno g. 1, Kaunas",
"contractModel": "BSS",
"tariffPlan": "Namai",
"timeZone": "2",
"payoffMethod": null,
"objectNtr": "123/12345",
"objectNtrDate": "2021-01-01T00:00:00",
"uniqueRoomNo": "1234-1234-1234:1234",
"ntGetCoownerConsent": true,
"auctionDate": null
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
"consumerCode": "12121213",
"object": {
"objectNumber": "50725836",
"meterNumbers": ["123"],
```

	<pre>"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

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

```
[
  {
    "notificationId": 100006,
    "changeType": "SK",
    "contractType": "SKMS",
    "contractStart": "2021-08-01",
    "supplierContractNo": null,
    "notes": null,
    "userName": „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,
      "contacts": {
        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": "+37069876543",

```



```
"mobPhoneNoInvoice": "+37066565656",
"telPhoneNoNetwork": "+37051212121",
"emailNetwork": "vardas.pavarde@imone.lt",
"email2Network": "vardas.pavarde@imone1.lt",
"emailInvoice": "vardas.pavarde@imone2.lt"
}
},
"contractNotificationStatus": [
{
"status": "P",
"statusDate": "2021-07-13T10:00:00"
}
],
"objects": [
{
"objectNumber": "60345678",
"objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
"contractModel": "2S2S",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklą",
"timeZone": "4",
"payoffMethod": "M",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-07-05T00:00:00"
}
],
"oldContractInfo": [
{
"contractType": "SBTS",
"consumerCode": "14725848",
```

	<pre>"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

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

```
[
  {
    "notificationId": 100007,
    "changeType": "STK",
    "contractType": "SKMS",
    "contractStart": "2021-07-19",
    "supplierContractNo": "Numeris-123",
    "notes": "Pastabos pavyzdys",
    "userName": "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",
      "contacts": {
        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": null,

```

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

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

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

Possible request 4	Possible response data 4
<pre> { "contractStartFrom": null, "contractStartTo": null, "notificationId": null, "objectNumber": "88888888", "personCode": "888888881", "status": null, "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null } </pre>	<pre> [{ "notificationId": 100008, "changeType": "STK", "contractType": "SKMS", "contractStart": "2021-07-25", "supplierContractNo": "Numeris-321", "notes": "Nëra", "userName": "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, "contacts": { </pre>

```
"mobPhoneNoNetwork": "+37061234567",
"mobPhoneNo2Network": null,
"mobPhoneNoInvoice": null,
"telPhoneNoNetwork": null,
"emailNetwork": "vardas.pavarde@imone.lt",
"email2Network": null,
"emailInvoice": "vardas.pavarde@imone.lt"
}
},
"contractNotificationStatus": [
{
"status": "K",
"statusDate": "2021-07-14T10:00:00"
},
{
"status": "V",
"statusDate": "2021-07-14T08:59:00"
},
{
"status": "I",
"statusDate": "2021-07-14T08:58:00"
},
{
"status": "P",
"statusDate": "2021-07-14T07:58:00"
}
],
"objects": [
{
"objectNumber": "88888888",
"objectAddress": "Šiaulių g. 8, Šiauliai",
"contractModel": "BSS",
```



```
    "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams,  
gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",  
    "timeZone": "N",  
    "payoffMethod": null,  
    "objectNtr": null,  
    "objectNtrDate": null,  
    "uniqueRoomNo": null,  
    "ntGetCoownerConsent": false,  
    "auctionDate": null  
  }  
],  
"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  
    }  
  }  
]  
}  
]
```

6.8.2 Method POST /gateway/notification/contract/owner

Resource description	
Definition	The method is for NT to transfer contract owner changes to DataHub.
Detailed description of method in API documentation (ENG)	POST /gateway/notification/contract/owner
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." }, "notes": "Pastaba 123", "objects": [{</pre>	<pre>{ "notificationId": [id kuriasi vis nauji] }</pre>

```
"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
},
"supplierContractNo": null
}
```

Possible request 2

```
{
"changeType": "SK",
"consentSign": true,
"contractStart": "[Nuo einamosios datos iki X dienos į ateitį]",
"contractType": "SKMS",
"correspondenceAddress": {
"appartment": null,
"building": "1",
"county": null,
"eldership": "Seniūnijos sen.",
"housingNo": null,
"locality": null,
"municipality": " Vilniaus r. sav.",
"street": "Gatvės g."
},
"notes": null,
"objects": [
{
"auctionDate": "2021-07-05",
"contractModel": "2S2S",
"ntGetCoownerConsent": false,
"objectNtr": null,
"objectNtrDate": null,
"objectNumber": "12345678",
"payoffMethod": "M",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
"timeZone": "4",
"uniqueRoomNo": null
}
],
"ownerInfo": {
```

Possible response data 2

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

<pre> "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 }, "supplierContractNo": null } </pre>	
<p>Possible request 3</p>	<p>Possible response data 3</p>
<pre> { "changeType": "STK", "consentSign": true, "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]", "contractType": "SKMS", "correspondenceAddress": { "apartment": "5", "building": "10", "county": null, "eldership": null, "housingNo": null, "locality": "Prienai", "municipality": null, "street": "Onos Onaitės g." }, "notes": "Pastabos pavyzdys", "objects": [{ </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

<pre> "auctionDate": null, "contractModel": "BSS", "ntGetCoownerConsent": true, "objectNtr": "97/12344", "objectNtrDate": "2021-01-01", "objectNumber": "22222222", "payoffMethod": null, "tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklą", "timeZone": "4", "uniqueRoomNo": null }], "ownerInfo": { "birthdate": "1960-01-01", "contacts": { "email2Network": null, "emailInvoice": "vardas.pavarde@ukininkas.lt", "emailNetwork": "vardas.pavarde@ukininkas.lt", "mobPhoneNo2Network": null, "mobPhoneNoInvoice": null, "mobPhoneNoNetwork": "+37061234567", "telPhoneNoNetwork": null }, "personName": "Vardas", "personCode": "5555555555", "subjectType": "FAS", "personSurname": "Pavardė", "vatCode": "1414141414" }, "supplierContractNo": "Numeris-123" } </pre>	
<p>Possible request 4</p>	<p>Possible response data 4</p>
<pre> { "changeType": "STK", "consentSign": true, "contractStart": "[Nuo einamosios datos iki X dienos į ateitį]", </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

```
"contractType": "SKMS",
"correspondenceAddress": {
  "apartment": null,
  "building": "110",
  "county": null,
  "eldership": null,
  "housingNo": null,
  "locality": "Birštonas",
  "municipality": null,
  "street": " Alksnių g."
},
"notes": "Nėra",
"objects": [
  {
    "auctionDate": null,
    "contractModel": "BSS",
    "ntGetCoownerConsent": false,
    "objectNtr": null,
    "objectNtrDate": null,
    "objectNumber": "444444444",
    "payoffMethod": null,
    "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams,
gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",
    "timeZone": null,
    "uniqueRoomNo": null
  }
],
"ownerInfo": {
  "birthDate": null,
  "contacts": {
    "email2Network": null,
    "emailInvoice": "vardas.pavarde@imone.lt",
    "emailNetwork": "vardas.pavarde@imone.lt",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "mobPhoneNoNetwork": "+37061234567",
    "telPhoneNoNetwork": null
  }
},
"personName": "UAB \"Įmonė\"",
```

```
"personCode": "888888888",
"subjectType": "JAS",
"personSurname": null,
"vatCode": null
},
"supplierContractNo": "Numeris-321"
}
```


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

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

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

6.9 Notification contract termination controller

6.9.1 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": "PAVARDÈ", "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 Pavardè", "submittedDate": "2021-11-17T10:00:00", "latestStatus": "V", "errorType": null, "objects":[{ "personName": " UAB \"PAVADINIMAS\"", "personSurname": null, "personCode": "77777777", "consumerCode": "77777", "objectNumber": "7777777", </pre>

	<pre> "objectAddress": "Vilniaus g. 2, Vilnius", "contractType": "SKMS", "contractModel": "2S2S", "contractStart": "2014-05-01", "coowner": true, "coownerConsentDate": "2021-11-01" }, { "name": " UAB \"PAVADINIMAS\"", "surname": null, "personCode": "777777777", "consumerCode": "77777", "objectNumber": "77777771", "objectAddress": "Vilniaus g. 3, Vilnius", "contractType": "SKMS", "contractModel": "2S2S", "contractStart": "2014-05-01", "coowner": false, "coownerConsentDate": null }], "contractTerminationNotificationStatus":[{ "status": "V", "statusDate": "2021-11-17T10:15:00" }, { "status": "I", "statusDate": "2021-11-17T10:10:00" }, { "status": "P", "statusDate": "2021-11-17T10:00:00" }] }] </pre>
--	---

6.9.2 Method POST /gateway/notification/contract/termination

Resource description

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

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

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

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

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

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

6.10 Notification contract tariff plan controller

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

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

Possible request 1	Possible response data 1
<pre>{ "notificationId": 10000001, "personCode": "1111111111", "consumerCode": "11111111", "objectNumber": "11111111", "objectAddressSearch": null, "status": "P", "submittedDateFrom": null, "submittedDateTo": null, "newTariffPlanSearch": null, "newTimeZone": "2", "contractType": "SBTS",</pre>	<pre>[{ "notificationId": 10000001 "latestStatus": "P", "errorType": null, "submittedDate": "2021-12-01T10:00:00", "userName": "Vardenis Pavardenis1", "objects": [{ "personName": "Vardas1", "personSurname": "Pavardė1", "personCode": "*****111", "consumerCode": "11111111", "objectNumber": "11111111", "objectAddress": "Vilniaus g. 1, Vilnius", "contractType": "SBTS",</pre>

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

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

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

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

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

```

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

```

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

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

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

6.11 Notification contract contact controller

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

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

Possible request 1	Possible response data 1
<pre>{ "notificationId": null, "personCode": null, "consumerCode": "11111111", "objectNumber": "11111111", "objectAddressSearch": null, "status": "P", "submittedDateFrom": null, "submittedDateTo": null, "contractType": null, "newCorrespondenceAddressSearch": null, "newPhoneSearch": null, "newEmailSearch": null, "userNameSearch": null }</pre>	<pre>[{ "notificationId": "10000001", "personName": "Vardas", "personSurname": "Pavardė", "personCode": "111111111111", "consumerCode": "11111111", "contractType": "SBTS", "submittedDate": "2022-01-01T10:00:00", "latestStatus": "P", "errorType": null, "userName": "Vardenis Pavardenis", "newContact": { "newCorrespondenceAddress": "Alytaus g. 1, Alytus", "newMobPhoneNoNetwork": "+37060000001", "newMobPhoneNo2Network": null, "newPhoneNoNetwork": null, "newMobPhoneNoInvoice": null, } }]</pre>

	<pre> "newEmailNetwork": null, "newEmail2Network": null, "newEmailInvoice": null }, "contact":{ "correspondenceAddress": "Prienu g. 1, Prienai", "mobhoneNoNetwork": "+37060000002", "mobhoneNo2Network": null, "phoneNoNetwork": null, "mobPhoneNoInvoice": null, "emailNetwork": null, "email2Network": null, "emailInvoice": null }, "objects":[{ "objectNumber": null, "objectAddress": null, "newMobPhoneNoObject": null, "mobPhoneNoObject": null }], "status":[{ "status": "P", "statusDate": "2022-01-01T10:00:00" }] }] </pre>
--	--

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

<pre> { "notificationId": null, "personCode": null, "consumerCode": "22222", "objectNumber": null, "objectAddressSearch": null, </pre>	<pre> [{ "notificationId": "10000002", "name": "Įmonės pavadinimas", "surname": null, "personCode": "222222222", </pre>
--	--

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

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

	<pre>], "status":[{ "status": "IV", "statusDate": "2022-01-01T11:20:00" }, { "status": "V", "statusDate": "2022-01-01T11:10:00" }, { "status": "I", "statusDate": "2022-01-01T11:00:00" }, { "status": "P", "statusDate": "2022-01-01T10:00:00" }] }] </pre>

6.11.2 Method POST /gateway/notification/contract/contact

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

Possible request 1	Possible response data 1
<pre> { "consumerCode": "11111111", "consentSign": true, "newCorrespondenceAddress":{ "newStreet": "Panevėžio g.", "newBuilding": "1", "newHousingNo": null, "newAppartament": null, "newLocality": null, "newEldership": null, "newMunicipality": "Panevėžio m. sav.", "newCounty": null }, "newContact":{ "newMobPhoneNoNetwork": "+37060000001", "newMobPhoneNo2Network": null, "newMobPhoneNoInvoice": null, "newPhoneNoNetwork": null, "newEmailNetwork": "vardas.pavarde@pastas.lt", "newEmail2Network": null, "newEmailInvoice": null }, "objects":[{ "objectNumber": null, "newMobPhoneNoObject": null }] } </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>
Possible request 1	Possible response data 1
<pre> { "consumerCode": "22222", "consentSign": true, "newCorrespondenceAddress":{ "newStreet": "Elektrėnų g.", </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

```

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

```

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

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

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

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

6.12 Order controller

6.12.1 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

```
{
  "orderId": 100001,
  "orderTypes": ["bill-2s2s-b2b"],
  "submittedDateFrom": "2022-01-01",
  "submittedDateTo": "2022-01-31",
  "dateFrom": null,
  "dateTo": null,
  "status": "IV",
  "auto": false,
  "userNameSearch": null
}
```

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

Possible request 2

Possible response data 2

```
{
  "orderId": 100002,
  "orderTypes": ["bill-2s2s-b2b"],
  "submittedDateFrom": "2022-01-01",
  "submittedDateTo": "2022-01-31",
  "dateFrom": null,
  "dateTo": null,
  "status": "IV",
  "auto": false,
  "userNameSearch": null
}
```

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

Possible request 3	Possible response 3
<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 } </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\" }", "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\" }", "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\" }", </pre>

```

"status": "IV",
"statusDate": "2022-03-01T11:01:00",
"expireDate": "2122-03-02T11:01:00",
"auto": false,
"userName": "PUBLIC"
},
{
"orderId": "100006",
"orderType": "data-hr-15min-obj-lvl",
"submittedDate": "2022-03-01T11:00:00"
"dateFrom": "2021-03-01",
"dateTo": "2022-02-28",
"orderParameters": "{\"consumptionCategory\":[\"P+\",\"P-\",\"Q+\",\"Q-\"], \"objectNumber\":
\"88888888\"}",
"latestStatus": "IV",
"statusDate": "2022-03-01T11:01:00",
"expireDate": "2122-03-02T11:01:00",
"auto": false,
"userName": "PUBLIC"
}
]

```

Possible request 4

Possible response 4

```

{
"orderId": null,
"orderTypes": ["data-hr-15min-mtr-lvl"],
"submittedDateFrom": "2022-03-01",
"submittedDateTo": "2022-03-01",
"dateFrom": null,
"dateTo": null,
"status": "IV",
"auto": false,
"userNameSearch": null
}

```

```

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

```

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

```

{
  "orderId": 100010,
  "orderTypes": ["report-obj"],
  "submittedDateFrom": "2021-12-01",
  "submittedDateTo": null,
  "dateFrom": null,

```

```

[
  {
    "orderId": "100010",
    "orderType": "report-obj",
    "submittedDate": "2022-01-01T11:00:00"
    "dateFrom": "2021-01-01",

```

<pre>"dateTo": null, "status": "IV", "auto": false, "userNameSearch": null }</pre>	<pre>"dateTo": "2022-04-30", "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>
--	---

6.12.2 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"] }</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"] }</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"] }</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"] }</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"] }</pre>	<pre>{ "orderId": [id kuriasi vis naujas] }</pre>
Possible request 6	Possible response 6
<pre>{ "dateFrom": "2021-03-01", "dateTo": "2022-02-28", }</pre>	<pre>{ "orderId": [id kuriasi vis naujas] }</pre>

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

6.12.3 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>

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

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

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

6.12.5 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" }	

<pre> } { "orderId": "100009" } </pre>	
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6.12.6 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":"11111111111", "personName":"Vardas", "personSurname":"Pavardė", "objectId":111111, "objectNumber":"1111111", "objectName":"PARDUOTUVĖ", "objectTypeName":"Prekybos paskirties objektai", "objectAddress":"Adresas 1", "autoMetersAmount":0, "products":[] }] }] </pre>	<pre> { "contractType":"SKMS", "consumerCode":"33333", "personCode":"333333333", "personName":"[monės pavadinimas", "personSurname":null, "objectId":333331, "objectNumber":"3333332", "objectName":"NAMAS", "objectTypeName":"Namas", "objectAddress":"Adresas 6", "autoMetersAmount":0, "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKSTO", }] } </pre>

	<pre> { "billingPeriod":"2022-01-01T00:00:00", "generatingObjectType":null, "productCode":"DIENISSTO", "productName":"El. en. persiuntimas dieniniu tarifu", "productType":"DD", "consumptionCategory":"P+", "consumptionAmount":1985, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":5, "permissiblePowerGeneration":null }, { "billingPeriod":"2022-01-01T00:00:00", "generatingObjectType":null, "productCode":"NKTSTO", "productName":"El. en. persiuntimas naktiniu, šeštadienio, sekmadienio tarifu", "productType":"NK", "consumptionCategory":"P+", "consumptionAmount":755, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":5, "permissiblePowerGeneration":null }, { "billingPeriod":"2022-01-01T00:00:00", "generatingObjectType":null, "productCode":"TS", "productName":"Technologinės sąnaudos", "productType":null, "consumptionCategory":"P+", "consumptionAmount":21, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":5, "permissiblePowerGeneration":null }] }, { "contractType":"SKMS", </pre>	<pre> "productName":"El. en. persiuntimas vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":224, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":15, "permissiblePowerGeneration":null }] }, { "contractType":"SKMS", "consumerCode":"33333", "personCode":"33333333", "personName":"Īmonēs pavadinimas", "personSurname":null, "objectId":3333332, "objectNumber":"33333331", "objectName":"1.6 SAVIVALDYBĒS BUTAS", "objectTypeName":"Socialinēs paskirties ir soc. rūpybos objektai", "objectAddress":"Adresas 7", "autoMetersAmount":0, "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKSTO", "productName":"El. en. persiuntimas vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":3, "permissiblePowerGeneration":null }] }] }, { "vatInvoiceNumber":"00000132", "vatInvoiceSeries":"EASS", </pre>
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```
"consumerCode":"111111",
"personCode":"11111111111",
"personName":"Vardas",
"personSurname":"Pavardė",
"objectId":111112,
"objectNumber":"1111112",
"objectName":"PATALPA",
"objectTypeName":"Kitos paskirties patalpos",
"objectAddress":"Adresas 2",
"autoMetersAmount":0,
"products":[
  {
    "billingPeriod":"2022-01-01T00:00:00",
    "generatingObjectType":null,
    "productCode":"VNKSTO",
    "productName":"El. en. persiuntimas vienos laiko zonos tarifu",
    "productType":"VK",
    "consumptionCategory":"P+",
    "consumptionAmount":178,
    "unit":"kWh",
    "oldIndependentSupplier":null,
    "permissiblePowerConsumption":5,
    "permissiblePowerGeneration":null
  }
]
},
{
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  "vatInvoiceSeries":"EASS",
  "objects":[
    {
      "contractType":"SKMS",
      "consumerCode":"222222",
      "personCode":"22222222222",
      "personName":"Vardas1",
      "personSurname":"Pavardė1",
      "objectId":222221,
      "objectNumber":"2222221",
      "objectName":"Snadėlys",
      "objectTypeName":"Žemės ūkio paskirties objektai",
      "objectAddress":"Adresas 3",
      "autoMetersAmount":0,
```

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

	<pre> "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"D_MIN_APKRSTO", "productName":"El. en. persiuntimas dif. min. apkrovų tarifu", "productType":"MI", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "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 }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"D_VID_APKRSTO", "productName":"El. en. persiuntimas dif. vid. apkrovų tarifu", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":0, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":46, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", </pre>	<pre> "objectName":"GAMYBINĖS PATALPOS", "objectTypeName":"Gamybinės, pramoninės paskirties objektai (arba statiniai)", "objectAddress":"Adresas 8", "autoMetersAmount":1, "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"D_MIN_APKRSTO", "productName":"El. en. persiuntimas dif. min. apkrovų tarifu", "productType":"MI", "consumptionCategory":"P+", "consumptionAmount":9195, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "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 }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"D_VID_APKRSTO", "productName":"El. en. persiuntimas dif. vid. apkrovų tarifu", "productType":"VD", "consumptionCategory":"P+", "consumptionAmount":12908, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":172, </pre>
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"productCode":"MAKSSTO",
"productName":"El. en. persiuntimas dif. maksim. apkrovų tarifu",
"productType":"MA",
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"consumptionAmount":10,
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"permissiblePowerGeneration":null
},
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"REAKT_GEN",
"productName":"Reaktyviosios el. en. generavimas",
"productType":"RG",
"consumptionCategory":"Q-",
"consumptionAmount":1,
"unit":"kVArh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":46,
"permissiblePowerGeneration":null
},
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"REAKT_VART",
"productName":"Reaktyviosios el. en. vartojimas",
"productType":"RV",
"consumptionCategory":"Q+",
"consumptionAmount":54,
"unit":"kVArh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":46,
"permissiblePowerGeneration":null
}
]
},
{
"contractType":"SKMS",
"consumerCode":"222222",
"personCode":"222222222222",
"personName":"Vardas1",
"personSurname":"Pavardė1",
```

```
"permissiblePowerGeneration":null
},
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"MAKSSTO",
"productName":"El. en. persiuntimas dif. maksim. apkrovų tarifu",
"productType":"MA",
"consumptionCategory":"P+",
"consumptionAmount":5889,
"unit":"kWh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":172,
"permissiblePowerGeneration":null
},
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"REAKT_GEN",
"productName":"Reaktyviosios el. en. generavimas",
"productType":"RG",
"consumptionCategory":"Q-",
"consumptionAmount":0,
"unit":"kVArh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":172,
"permissiblePowerGeneration":null
},
{
"generatingObjectType":null,
"billingPeriod":"2022-01-01T00:00:00",
"productCode":"REAKT_VART",
"productName":"Reaktyviosios el. en. vartojimas",
"productType":"RV",
"consumptionCategory":"Q+",
"consumptionAmount":39653,
"unit":"kVArh",
"oldIndependentSupplier":null,
"permissiblePowerConsumption":172,
"permissiblePowerGeneration":null
}
]
}
]
```

```

"objectId":2222222,
"objectNumber":22222222,
"objectName": "GYVENAMAS NAMAS",
"objectTypeName": "Namass",
"objectAddress": "Adresas 4",
"autoMetersAmount":0,
"products":[
  {
    "generatingObjectType":null,
    "billingPeriod": "2022-01-01T00:00:00",
    "productCode": "DIENINISSTO",
    "productName": "El. en. persiuntimas dieniniu tarifu",
    "productType": "DD",
    "consumptionCategory": "P+",
    "consumptionAmount":2734,
    "unit": "kWh",
    "oldIndependentSupplier":null,
    "permissiblePowerConsumption":8,
    "permissiblePowerGeneration":null
  },
  {
    "generatingObjectType":null,
    "billingPeriod": "2022-01-01T00:00:00",
    "productCode": "NKTSTO",
    "productName": "El. en. persiuntimas naktiniu, šestadienio,
sekmadienio tarifu",
    "productType": "NK",
    "consumptionCategory": "P+",
    "consumptionAmount":2877,
    "unit": "kWh",
    "oldIndependentSupplier":null,
    "permissiblePowerConsumption":8,
    "permissiblePowerGeneration":null
  }
]
},
{
  "vatInvoiceNumber": "00006657",
  "vatInvoiceSeries": "EASS",
  "objects": [
    {
      "contractType": "SKMS",

```

```

},
{
  "vatInvoiceNumber": "00000166",
  "vatInvoiceSeries": "EASS",
  "objects": [
    {
      "contractType": "SKMS",
      "consumerCode": "555555",
      "personCode": "555555555555",
      "personName": "Vardas",
      "personSurname": "Pavardė 2",
      "objectId": 5555555,
      "objectNumber": "55555555",
      "objectName": "PIENO SURINKIMO PUNKTAS",
      "objectTypeName": "Paslaugų paskirties objektai",
      "objectAddress": "Adresas 9",
      "autoMetersAmount": 0,
      "products": [
        {
          "generatingObjectType": null,
          "billingPeriod": "2021-12-01T00:00:00",
          "productCode": "VNKSTO",
          "productName": "El. en. persiuntimas vienos laiko zonos tarifu",
          "productType": "VK",
          "consumptionCategory": "P+",
          "consumptionAmount": -1898,
          "unit": "kWh",
          "oldIndependentSupplier": null,
          "permissiblePowerConsumption": 5,
          "permissiblePowerGeneration": null
        }
      ]
    }
  ]
},
{
  "vatInvoiceNumber": "00007444",
  "vatInvoiceSeries": "EASS",
  "objects": [
    {
      "contractType": "SKMS",
      "consumerCode": "555555",
      "personCode": "555555555555",
      "personName": "Vardas",

```


	<pre> "consumerCode":"33333", "personCode":"333333333", "personName":"[monės pavadinimas", "personSurname":null, "objectId":3333333, "objectNumber":"33333333", "objectName":"PREKYBOS PATALPOS", "objectTypeName":"Prekybos paskirties objektai", "objectAddress":"Adresas 5", "autoMetersAmount":0, "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"TS", "productName":"Technologinės sąnaudos", "productType":null, "consumptionCategory":"P+", "consumptionAmount":9, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":25, "permissiblePowerGeneration":null }, { "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKSTO", "productName":"El. en. persiuntimas vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":1568, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":25, "permissiblePowerGeneration":null }] }, </pre>	<pre> "personSurname":"Pavardė 2", "objectId":55555555, "objectNumber":"555555555", "objectName":"PIENO SURINKIMO PUNKTAS", "objectTypeName":"Paslaugų paskirties objektai", "objectAddress":"Adresas 9", "autoMetersAmount":0, "products":[{ "generatingObjectType":null, "billingPeriod":"2022-01-01T00:00:00", "productCode":"VNKSTO", "productName":"El. en. persiuntimas vienos laiko zonos tarifu", "productType":"VK", "consumptionCategory":"P+", "consumptionAmount":686, "unit":"kWh", "oldIndependentSupplier":null, "permissiblePowerConsumption":5, "permissiblePowerGeneration":null }] }] }] </pre>
Possible request 2	Possible response data 2	Possible response data 2 (continuation)
{	[{

<pre> "orderId": "100002" } </pre>	<pre> { "vatInvoiceNumber": "00030065", "vatInvoiceSeries": "EASS", "objects": [{ "contractType": "SKMS", "consumerCode": "666666", "personCode": "66666666", "personName": "Įmonės pavadinimas 3", "personSurname": null, "objectNumber": "66666666", "objectName": "LENTPJŪVĖ", "objectTypeName": "Saulės elektrinė savoms reikmėms", "objectAddress": "Adresas 10", "autoMetersAmount": 1, "products": [{ "billingPeriod": "2022-01-01T00:00:00", "productCode": "VNKGEN", "productName": "El. energijos pateiktas kiekis", "productType": "VK", "consumptionCategory": "P-", "consumptionAmount": 397.0, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "G", "permissiblePowerConsumption": 130.0, "permissiblePowerGeneration": 85.4 }, { "billingPeriod": "2022-01-01T00:00:00", "productCode": "VNKS", "productName": "Sukauptos el. energijos kiekis laikotarpio pabaigai", "productType": "VK", "consumptionCategory": "P-", "consumptionAmount": 0.0, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "G", "permissiblePowerConsumption": 130.0, "permissiblePowerGeneration": 85.4 }, { "billingPeriod": "2022-01-01T00:00:00", </pre>	<pre> "billingPeriod": "2022-01-01T00:00:00", "productCode": "D_VID_APKRSTO", "productName": "El. en. persiuntimas dif. vid. apkrovų tarifu", "productType": "VD", "consumptionCategory": "P+", "consumptionAmount": 327.0, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "G", "permissiblePowerConsumption": 40.0, "permissiblePowerGeneration": 29.63 }, { "billingPeriod": "2022-01-01T00:00:00", "productCode": "MAAAGAMAP", "productName": "El. energijos atgautas kiekis dif. maksim. apkrovų tarifu", "productType": "MA", "consumptionCategory": "P-", "consumptionAmount": 1.57, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "G", "permissiblePowerConsumption": 40.0, "permissiblePowerGeneration": 29.63 }, { "billingPeriod": "2022-01-01T00:00:00", "productCode": "MAKSSTO", "productName": "El. en. persiuntimas dif. maksim. apkrovų tarifu", "productType": "MA", "consumptionCategory": "P+", "consumptionAmount": 160.0, "unit": "kWh", "oldIndependentSupplier": null, "generatingObjectType": "G", "permissiblePowerConsumption": 40.0, "permissiblePowerGeneration": 29.63 }, { "billingPeriod": "2022-01-01T00:00:00", "productCode": "MATSTO", "productName": "El. energijos trūkstamas kiekis dif. maksim. apkrovų tarifu (persiuntimas)", </pre>
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	<pre> "productCode":"VNKS", "productName":"Sukauptos el. energijos kiekis laikotarpio pradziai", "productType":"VK", "consumptionCategory":"P-", "consumptionAmount":0.0, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":85.4 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MAAGAMAP", "productName":"El. energijos atgautas kiekis dif. maksim. apkrovu tarifu", "productType":"MA", "consumptionCategory":"P-", "consumptionAmount":115.01, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":85.4 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MATSTO", "productName":"El. energijos trukstamas kiekis dif. maksim. apkrovu tarifu (persiuntimas)", "productType":"MA", "consumptionCategory":"P+", "consumptionAmount":3119.99, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":130.0, "permissiblePowerGeneration":85.4 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MAAGAMAP", "productName":"El. energijos atgautas kiekis dif. min. apkrovu tarifu", </pre>	<pre> "productType":"MA", "consumptionCategory":"P+", "consumptionAmount":1393.43, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MAAGAMAP", "productName":"El. energijos atgautas kiekis dif. min. apkrovu tarifu", "productType":"MI", "consumptionCategory":"P-", "consumptionAmount":3.69, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"MITSTO", "productName":"El. energijos trukstamas kiekis dif. min. apkrovu tarifu (persiuntimas)", "productType":"MI", "consumptionCategory":"P+", "consumptionAmount":3272.31, "unit":"kWh", "oldIndependentSupplier":null, "generatingObjectType":"G", "permissiblePowerConsumption":40.0, "permissiblePowerGeneration":29.63 }, { "billingPeriod":"2022-01-01T00:00:00", "productCode":"REAKT_GEN", "productName":"Reaktyviosios el. en. generavimas", "productType":"RG", "consumptionCategory":"Q-", "consumptionAmount":247.0, "unit":"kVArh", </pre>
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	<pre> "permissiblePowerGeneration":29.63 }, { "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 }, </pre>	<pre> "oldIndependentSupplier":null, "generatingObjectType":"N", "permissiblePowerConsumption":90.0, "permissiblePowerGeneration":null }, { "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 }], "objectId":9999999 }] </pre>
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6.12.7 Method GET/gateway/order/{orderId}/report-obj

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

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

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

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

6.13 Contract change notification controller - old

6.13.1 Method object-list

Resource description	
Definition	Metodas skirtas gauti objektų sąrašą pagal atrankos kriterijus.

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

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

	<pre>{ "name": "Vardas", "surname": "Pavardė", "personCode": "*****910", "consumerCode": "12121212", "objectNumber": "14725836", "meterNumber": "9090", "objectAddress": "Kauno g. 2, Kaunas", "contractType": "SBTS", "contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": null, "tariffPlan": "Standartinis", "timeZone": "2", "generatingObjectType": "G", "payoffMethod": "G", "ownershipDocumentNumber": null }</pre>
Possible request 2	Possible response data 2
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	<pre> "contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": "2200-12-01T00:00:00", "tariffPlan": "Išmanusis", "timeZone": "4", "generatingObjectType": "G", "payoffMethod": "E", "ownershipDocumentNumber": "ABC123" }, { "name": "Vardas1", "surname": "Pavardė1", "personCode": "*****345", "consumerCode": "88888888", "objectNumber": "76767676", "meterNumber": "4321", "objectAddress": "Nidos g., 1, Nida", "contractType": "SBTS", "contractModel": "BSS", "supplierType": null, "timeLimitedObjectValidTo": "2200-10-01T00:00:00", "tariffPlan": "Namai plius", "timeZone": "2", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": "123-ABC" }] </pre>
Possible request 3	Possible response data 3
<pre> { "consumerCode": "77777777", </pre>	ChangeType STK

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"objectNumber": null,  
"personCode": null  
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    "contractModel": "BSS",  
    "supplierType": "NT",  
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    "generatingObjectType": "N",  
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    "contractModel": "BSS",  
    "supplierType": "VT",  
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	<pre>"generatingObjectType": "G", "payoffMethod": "M", "ownershipDocumentNumber": null }]</pre>
Possible request 4	Possible response data 4
<pre>{ "consumerCode": null, "meterNumber": null, "objectDataConsentSign": true, "objectNumber": "444444444", "personCode": null }</pre>	<p>ChangeType STK</p> <pre>[{ "name": "Įmonės pavadinimas", "surname": null, "personCode": "123456789", "consumerCode": "66666", "objectNumber": "444444444", "meterNumber": "9876", "objectAddress": "Šiaulių g. 8, Šiauliai", "contractType": "SKMS", "contractModel": "2S2S", "supplierType": "NT", "timeLimitedObjectValidTo": null, "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų", "timeZone": "N", "generatingObjectType": null, "payoffMethod": null, "ownershipDocumentNumber": null }]</pre>

6.13.2 Method details

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

Possible request 1	Possible response data 1
<pre>{ "contractStartFrom": "2021-08-01T00:00:00", "contractStartTo": "2021-08-31T00:00:00", "notificationId": null, "objectNumber": null, "personCode": "16363636363", "status": null, "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null }</pre>	<pre>[{ "notificationId": 100005, "changeType": "SK", "contractType": "SBTS", "contractStart": "2021-08-01", "supplierContractNo": null, "notes": "Pastaba 123", "userName": null, "correspondenceAddress": { "addressLine": "Adreso g. 1, Vilnius", "street": "Adreso g.", "building": "1", "housingNo": null, "apartment": null, } }]</pre>

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

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

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

	<pre>] }] </pre>
Possible request 2	Possible response data 2
<pre> { "contractStartFrom": null, "contractStartTo": null, "notificationId": null, "objectNumber": "60345678", "personCode": null, "status": "P", "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null } </pre>	<pre> [{ "notificationId": 100006, "changeType": "SK", "contractType": "SKMS", "contractStart": "2021-08-01", "supplierContractNo": null, "notes": null, "userName": null, "correspondenceAddress": { "addressLine": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.", "street": "Gatvės g.", "building": "1", "housingNo": null, "apartment": null, "locality": null, "eldership": "Seniūnijos sen.", "municipality": "Vilniaus r. sav.", "county": null }, "ownerInfo": { "subjectType": "JAS", "name": "UAB Įmonė6", "surname": null, "personCode": "123456710", "birthDate": null, "vatCode": null, "contacts": { </pre>

```
"mobPhoneNoNetwork": "+37061234567",
"mobPhoneNo2Network": "+37069876543",
"mobPhoneNoInvoice": "+37066565656",
"telPhoneNoNetwork": "+37051212121",
"emailNetwork": "vardas.pavarde@imone.lt",
"email2Network": "vardas.pavarde@imone1.lt",
"emailInvoice": "vardas.pavarde@imone2.lt"
}
},
"contractNotificationStatus": [
{
"status": "P",
"statusDate": "2021-07-13T10:00:00"
}
],
"objects": [
{
"objectNumber": "60345678",
"objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.",
"contractModel": "2S2S",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
"timeZone": "4",
"payoffMethod": "M",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-07-05T00:00:00"
}
],
"oldContractInfo": [
{
```

	<pre>"contractType": "SBTS", "consumerCode": "14725848", "object": { "objectNumber": "60345678", "objectAddress": "Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.", "contractModel": null, "tariffPlan": "Išmanusis", "timeZone": "4", "ownershipDocumentNumber": null, "ntGetCoownerConsent": false, "auctionDate": null, "payoffMethod": "E" }] }</pre>
Possible request 3	Possible response data 3

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

```
[
  {
    "notificationId": 100007,
    "changeType": "STK",
    "contractType": "SKMS",
    "contractStart": "2021-07-19",
    "supplierContractNo": "Numeris-123",
    "notes": "Pastabos pavyzdys",
    "userName": null,
    "correspondenceAddress": {
      "addressLine": "Prienai, Onos Onaitės g. 10-5",
      "street": "Onos Onaitės g.",
      "building": "10",
      "housingNo": null,
      "apartment": "5",
      "locality": "Prienai",
      "eldership": null,
      "municipality": null,
      "county": null
    },
    "ownerInfo": {
      "subjectType": "FAS",
      "name": "Vardas7",
      "surname": "Pavardė7",
      "personCode": "*****777",
      "birthDate": "1960-01-01T00:00:00",
      "vatCode": "1414141414",
      "contacts": {
        "mobPhoneNoNetwork": "+37061234567",
        "mobPhoneNo2Network": null,
        "mobPhoneNoInvoice": null,
        "telPhoneNoNetwork": null,
        "emailNetwork": "vardas.pavarde@ukininkas.lt",
      }
    }
  }
]
```



```
"email2Network": null,
"emailInvoice": "vardas.pavarde@ukininkas.lt"
}
},
"contractNotificationStatus": [
{
"status": "V",
"statusDate": "2021-07-14T09:59:00"
},
{
"status": "I",
"statusDate": "2021-07-14T09:58:00"
},
{
"status": "P",
"statusDate": "2021-07-14T08:58:00"
}
],
"objects": [
{
"objectNumber": "77777771",
"objectAddress": "Laisvės pr. 2 00002 Vilnius",
"contractModel": "BSS",
"tariffPlan": "\"Išmanusis\" I grupės vartotojams, gaunantiems
elektros energiją iš žemosios įtampos elektros tinklų",
"timeZone": "4",
"payoffMethod": "P",
"objectNtr": null,
"objectNtrDate": null,
"uniqueRoomNo": null,
"ntGetCoownerConsent": false,
"auctionDate": "2021-01-01T00:00:00"
},

```

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

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

Possible request 4	Possible response data 4
<pre> { "contractStartFrom": null, "contractStartTo": null, "notificationId": null, "objectNumber": "88888888", "personCode": "888888881", "status": null, "submittedDateFrom": null, "submittedDateTo": null, "usernameSearch": null } </pre>	<pre> [{ "notificationId": 100008, "changeType": "STK", "contractType": "SKMS", "contractStart": "2021-07-25", "supplierContractNo": "Numeris-321", "notes": "Nėra", "userName": null, "correspondenceAddress": { "addressLine": "Birštonas, Alksnių g. 110", "street": "Alksnių g.", "building": "110", "housingNo": null, "apartment": null, "locality": "Birštonas", "eldership": null, "municipality": null, "county": null }, "ownerInfo": { "subjectType": "JAS", "name": "UAB \"Įmonė8\"", "surname": null, "personCode": "888888881", "birthDate": null, "vatCode": null, "contacts": { "mobPhoneNoNetwork": "+37061234567", "mobPhoneNo2Network": null, "mobPhoneNoInvoice": null, </pre>

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

```

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

```

6.13.3 Method contract-change-notification

Resource description

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

Possible request 1	Possible response data 1
ChangeType - SK <pre>{ "consentSign": true, "contractStart": "[Nuo einamosios datos iki sekančio mėn 1 d.]", "contractType": "SBTS", "correspondenceAddress": { "apartment": null, "building": "1", "county": null, "eldership": null, "housingNo": null, "locality": "Vilnius", "municipality": null, "street": "Adreso g." }, "notes": "Pastaba 123", "objects": [{ "auctionDate": null, "contractModel": "BSS", "ntGetCoownerConsent": true, "objectNtr": "12/12345", "objectNtrDate": "2021-01-01", }] }</pre>	<pre>{ "notificationId": [id kuriasi vis nauji] }</pre>

```
"objectNumber": "98765432",
"payoffMethod": null,
"tariffPlan": "Namai",
"timeZone": "2",
"uniqueRoomNo": "1234-1234-1234:1234"
},
{
  "auctionDate": null,
  "contractModel": "BSS",
  "ntGetCoownerConsent": false,
  "objectNtr": null,
  "objectNtrDate": null,
  "objectNumber": "14725836",
  "payoffMethod": "E",
  "tariffPlan": "Standartinis",
  "timeZone": "2",
  "uniqueRoomNo": null
}
],
"ownerInfo": {
  "birthDate": null,
  "contacts": {
    "email2Network": null,
    "emailInvoice": null,
    "emailNetwork": "vardas.pavarde@pastas.lt",
    "mobPhoneNo2Network": null,
    "mobPhoneNoInvoice": null,
    "mobPhoneNoNetwork": "+37061234567",
    "telPhoneNoNetwork": null
  },
  "name": " Vardas",
  "personCode": "36363636363",
  "subjectType": "FAS",
  "surname": " Pavardė",
  "vatCode": null
},
"supplierContractNo": null
}
```


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

<pre> "emailNetwork": "yardas.pavarde@imone.lt", "mobPhoneNo2Network": "+37069876543", "mobPhoneNoInvoice": "+37066565656", "mobPhoneNoNetwork": "+37061234567", "telPhoneNoNetwork": "+37051212121" }, "name": "UAB \"UAB\"", "personCode": "123456720", "subjectType": "JAS", "surname": null, "vatCode": null }, "supplierContractNo": null } </pre>	
<p>Possible request 3</p>	<p>Possible response data 3</p>
<p>ChangeType – STK</p> <pre> { "consentSign": true, "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]", "contractType": "SKMS", "correspondenceAddress": { "apartment": "5", "building": "10", "county": null, "eldership": null, "housingNo": null, "locality": "Prienai", "municipality": null, "street": "Onos Onaitės g." }, "notes": "Pastabos pavyzdys", "objects": [{ "auctionDate": null, "contractModel": "BSS", "ntGetCoownerConsent": true, </pre>	<pre> { "notificationId": [id kuriasi vis nauji] } </pre>

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

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

Possible request 4

ChangeType – STK

```
{  
  "consentSign": true,  
  "contractStart": "[Nuo einamosios datos iki sekančio mėn. 1 d.]",  
  "contractType": "SKMS",  
  "correspondenceAddress": {  
    "apartment": null,  
    "building": "110",  
    "county": null,  
    "eldership": null,  
    "housingNo": null,  
    "locality": "Birštonas",  
    "municipality": null,  
    "street": " Alksnių g."  
  },  
  "notes": "Nėra",  
  "objects": [  
    {  
      "auctionDate": null,  
      "contractModel": "BSS",  
      "ntGetCoownerConsent": false,  
      "objectNtr": null,  
      "objectNtrDate": null,  
      "objectNumber": "444444444",  
      "payoffMethod": null,  
      "tariffPlan": "El. en. persiuntimo 1 planas III grupės vartotojams,  
gaunantiems elektros energiją iš žemosios įtampos elektros tinklų",  
      "timeZone": null,  
      "uniqueRoomNo": null  
    }  
  ],  
  "ownerInfo": {
```

Possible response data 4

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

```
"birthDate": null,
"contacts": {
  "email2Network": null,
  "emailInvoice": "vardas.pavarde@imone.lt",
  "emailNetwork": "vardas.pavarde@imone.lt",
  "mobPhoneNo2Network": null,
  "mobPhoneNoInvoice": null,
  "mobPhoneNoNetwork": "+37061234567",
  "telPhoneNoNetwork": null
},
"name": "UAB \u0170mon\u0117\"",
"personCode": "888888888",
"subjectType": "JAS",
"surname": null,
"vatCode": null
},
"supplierContractNo": "Numeris-321"
}
```

6.13.4 Method cancel

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

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