

API documentation (Sandbox)

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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.

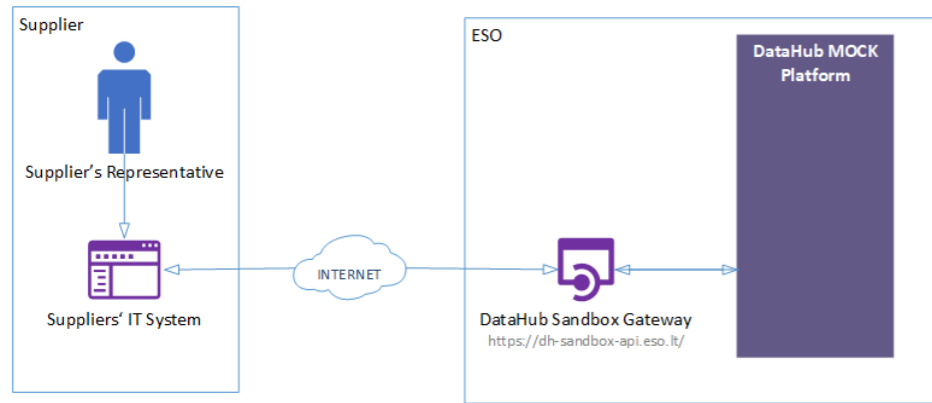
Preface

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.



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	-

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.

```
curl --header 'Authorization: Bearer key_received_from_DSO' https://dh-sandbox-api.eso.lt/data/data-orders/1/data
```

Mocking scenarios

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.

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.

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.

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.

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.

Declaration controller

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

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	reading s[]	objectNbr	reading s[]	objectAddress	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]
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	+WsumT2	DD	2020-10-31T23:59:00	2470	2177	
									30003	+WsumT4	NK	2020-10-31T23:59:00	2020	1819	

Possible request for GET declaration data (B2B)

customerId	objectNbr													
499995	48999908													

Possible response data

clientId	customerId	clientName	reading s[]	objectNbr	reading s[]	objectAddress	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]	reading s[]
272222230	499995	UAB "JMONĖ"	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	101532	101074
	30009	-QsumTS	RG	2020-10-25T00:00	518	184

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 Ulvydo g. 12-888, Vilnius, 08335 Vilniaus m. sav., Vilniaus apskr.	01888853	7	false	30001	VT	VK	2020-10-31T23:59:00	7719	7719	L		
36513455655	10777789	NERIJUS JONAITIS	12777789	Kazio Ulvydo g. 12-777, Vilnius, 08335 Vilniaus m. sav., Vilniaus apskr.	01777755	7	true	30002	+WsumT2	DD	2020-10-31T23:59:00	2470	2177	V		
								30003	+WsumT4	NK	2020-10-31T23:59:00	2020	1819	V		

Possible request for GET declaration data (B2B)																
customerId		objectNbr														
499995		48999908														
Possible response data																
clientId	customerId	clientName	readings[]	objectNu	readings[]	objectAddress	readings[]	readings[]	readings[]	readings[]	readings[]	readings[]	readingFromDate	readings[]	readings[]	readings[]
272222230	499995	UAB "JMONÉ"	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	2020-10-25T00:00	518	184	D		

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.	

Supplier change notification controller

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	consumerCode	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						

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	

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	clientName	objectNumber	objectAddress	contractModel	automationLevel	contractType	currentSupplierType
11111	798765432	UAB "Client name"	40000	Lygumų g. 44-4, Didžioji Riešė, Riešės sen., 44444 Vilniaus r. sav.	BSS	partial	SKMS	NT

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	clientName	objectNumber	objectAddress	contractModel	automationLevel	contractType	currentSupplierType
22222222	12345678911	Name Surname	60000	Plytinės g. 8B, Bajorai, Vilnius., 3000 Vilniaus m. sav.	BSS	none	SBTS	VT

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	clientName	objectNumber	objectAddress	contractModel	automationLevel	contractType	currentSupplierType
12345	898765432	UAB "Client name"	60000	Platumų g. 11, Vilnius., 3000 Vilniaus m. sav.	BSS	full	SKMS	GT
54321	898765432	UAB "Client name"	70000	Pagirionių g. 1-5, Vilnius., 3000, Vilniaus m. sav.	2S2S	none	SKMS	NT

Access rights controller

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	VardenisPavardenis4@gmail.com	+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.

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

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

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.

Data orders controller

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, 22222	2020-09	2018-10
Possible Response for method						
orderId						
50241						





Method [data-orders/{orderId}/data](#)

Resource description	
Definition	When calling POST /data/data-orders method, supplier get response with <i>orderId</i> which is used calling GET /data/data-orders/{orderId}/data method to download historical clients consumption data in ZIP file format.
Detailed description of method in API documentation (ENG)	GET /data/data-orders/{orderId}/data
Request URL	https://dh-sandbox-api.eso.lt/mock/data/data-orders/{orderId}/data
Possible Request for method	
orderId	
/data/data-orders/ 50241 /data	
Possible Response for method	
50241.zip	

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

Name

^

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

Report controller

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}

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

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}

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

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}

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

Method objects-data-pack

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

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

Contract data controller

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 for object list

	personCode	consumerCode	objectNumber	meterNumber													
	12345678910																
	personCode	consumerCode	objectNumber	meterNumber													
				4321													
	personCode	consumerCode	objectNumber	meterNumber													
		77777777															
	personCode	consumerCode	objectNumber	meterNumber													
			444444444														

Possible response data

changeType	name	surname	personCode	consumerCode	objectNumber	meterNumber	objectAddress	contractType	contractModel	supplierType	timeLimitObjectValidTo	tariffPlan	timeZone	generationObjectType	payoffMethod	ownershiDocumntNumber
SK	Vardas	Pavardė	*****910	12121212	98765432	1234; 12345	Kauno g. 1, Kaunas	SBTS	BSS	null	null	Standartinis	2	null	null	null
SK	Vardas	Pavardė	*****910	12121212	14725836	9090	Kauno g. 2, Kaunas	SBTS	BSS	null	null	Standartinis	2	G	G	null
changeType	name	surname	personCode	consumerCode	objectNumber	meterNumber	objectAddress	contractType	contractModel	supplierType	timeLimitObjectValidTo	tariffPlan	timeZone	generationObjectType	payoffMethod	ownershiDocumntNumber
SK	Vardas	Pavardė	*****555	14725836	12345678	4321	Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.	SBTS	BSS	null	2021-12-01T00:00:00	Išmanusis	4	G	E	ABC123
SK	Vardas1	Pavardė1	*****345	88888888	76767676	4321	Nidos g., 1, Nida	SBTS	BSS	null	2021-10-01T00:00:00	Namai plius	2	null	null	123-ABC
changeType	name	surname	personCode	consumerCode	objectNumber	meterNumber	objectAddress	contractType	contractModel	supplierType	timeLimitObjectValidTo	tariffPlan	timeZone	generationObjectType	payoffMethod	ownershiDocumntNumber
STK	Vardas	Pavardė	*****123	77777777	22222222	10101	Laisvės pr. 1 00001 Vilnius	SBTS	BSS	NT	null	Išmanusis	4	N	null	null
STK	Vardas	Pavardė	*****123	77777777	33333333	10102	Laisvės pr. 2, 00002 Vilnius	SBTS	BSS	VT	null	Namai plius	2	G	M	null
changeType	name	surname	personCode	consumerCode	objectNumber	meterNumber	objectAddress	contractType	contractModel	supplierType	timeLimitObjectValidTo	tariffPlan	timeZone	generationObjectType	payoffMethod	ownershiDocumntNumber
STK	Įmonės pavadinimas	null	123456789	66666	444444444	9876	Šiaulių g. 8, Šiauliai	SKMS	2S2S	NT	null	El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	N	null	null	null

Method contract-change-notification-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/it/duomenu-mainu-platforma/dokumentai.html .
Request URL	https://dh-sandbox-api.eso.lt/mock/contract-data/contract-change-notification-details?first={integer}&count={integer}&sort={ASC/DSC}

Possible request for contract change notification details

personCode	objectNumber	notificationId	dateFrom	dateTo	status				
16363636363			2021-07-01T00:00:00	2021-07-31T00:00:00					
personCode	objectNumber	notificationId							
	60345678				P				
personCode	objectNumber	notificationId							
		100007							
personCode	objectNumber	notificationId							
888888881	88888888								

Possible response data

notificationId	changeType	contractType	contractStart	supplierContractNo					
100005	SK	SBTS	2021-08-01	null					

ownerInfo

subjectType	name	surname	personCode	birthDate	vatCode				
FAS	Vardas5	Pavardė5	*****363	null	null				

contacts

mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice			
+37061234567	null	null	null	vardas.pavarde@pastas.lt	null	null			

correspondenceAddress

addressLine	street	building	housingNo	apartment	locality	eldership	municipality	county	

Adreso g. 1, Vilnius	Adreso g.	1	null	null	Vilnius	null	null	null		
notes										
Pastaba 123										
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
50765432	Kauno g. 1, Kaunas	BSS	Namai	2	null	12/12345	2021-01-01 00:00	1234-1234-1234:1234	true	null
2.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
50725836	Kauno g. 2, Kaunas	BSS	Standartinis	1	E	null	null	null	false	null
contractNotificationStatus										
status	statusdate									
PR	2021-07-13 10:00 00:00									
V	2021-07-13 09:59 00:00									
I	2021-07-13 09:58 00:00									
P	2021-07-13 08:58 00:00									
oldContractInfo										
1. contractType	consumerCode									
SBTS	12121213									
2.contractType	consumerCode									
SBTS	12121213									
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	NTGetCoownerConsent	auctionDate	payoffMethod		
50765432	Kauno g. 1, Kaunas	BSS	Standartinis	2	null	false	null	null		
2.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	NTGetCoownerConsent	auctionDate	payoffMethod		
50725836	Kauno g. 2, Kaunas	BSS	Standartinis	2	null	false	null	G		
notificationId	changeType	contractType	contractStart	supplierContractNo						

100006	SK	SKMS	2021-08-01	null						
ownerInfo										
subjectType	name	surname	personCode	birthDate	vatCode					
JAS	UAB Imone6	null	123456710	null	null					
contacts										
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice				
+37061234567	+37069876543	+37066565656	+37051212121	vardas.pavarde@imone.lt	vardas.pavarde@imone1.lt	vardas.pavarde@imone2.lt				
correspondenceAddress										
addressLine	street	building	housingNo	apartment	locality	eldership	municipality	county		
Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.	Gatvės g.	1	null	null	null	Seniūnijos sen.	Vilniaus r. sav.	null		
notes										
null										
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	ntGetCoownerConsent	auctionDate
60345678	Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.	2S2S	Išmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4	M	null	null	null	false	2021-07-05 00:00
contractNotificationStatus										
status	statusdate									
P	2021-07-13 10:00 00:00									
oldContractInfo										
1.contractType	consumerCode									
SBTS	14725848									
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	NTGetCoownerConsent	auctionDate	payoffMethod		
60345678	Gatvės g. 1, Kaimo k., Seniūnijos sen., 12345 Vilniaus r. sav.	null	Išmanusis	4	null	false	null	E		

notificationId	changeType	contractType	contractStart	supplierContractNo						
100007	STK	SKMS	2021-07-19	Numeris-123						
ownerInfo										
subjectType	name	surname	personCode	birthDate	vatCode					
FAS	Vardas7	Pavardė7	*****777	1960-01-01 00:00	1414141414					
contacts										
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice				
+37061234567	null	null	null	vardas.pavarde@ukininkas.lt	null	vardas.pavarde@ukininkas.lt				
correspondenceAddress										
addressLine	street	building	housingNo	apartment	locality	eldership	municipality	county		
Prienai, Onos Onaitės g. 10-5	Onos Onaitės g.	10	null	5	Prienai	null	null	null		
notes										
Pastabos pavyzdys										
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	ntGetCoownerConsent	auctionDate
7777777	Laisvės pr. 1 00001 Vilnius	BSS	lšmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4	null	97/12344	2021-01-01 00:00	null	true	null
2.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	ntGetCoownerConsent	auctionDate
77777771	Laisvės pr. 2, 00002 Vilnius	BSS	lšmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4	P	null	null	null	false	2021-01-01 00:00
contractNotificationStatus										
status	statusDate									
V	2021-07-14 09:59 00:00									
I	2021-07-14 09:58 00:00									

P	2021-07-14 08:58 00:00									
oldContractInfo										
1.contractType	consumerCode									
SBTS	77777788									
2.contractType	consumerCode									
SBTS	77777788									
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	ntGetCoownerConsent	auctionDate	payoffMethod		
77777777	Laisvės pr. 1 00001 Vilnius	BSS	lšmanusis	4	null	false	null	M		
2.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	ntGetCoownerConsent	auctionDate	payoffMethod		
77777771	Laisvės pr. 2, 00002 Vilnius	BSS	Namai plius	2	null	false	null	null		
notification										
notificationId	changeType	contractType	contractStart	supplierContractNo						
100008	STK	SKMS	2021-07-25	Numeris-321						
ownerInfo										
subjectType	name	surname	personCode	birthDate	vatCode					
JAS	UAB Imone8	null	888888881	null	null					
contacts										
mobPhoneNumberNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice				
+370612345 67	null	null	null	vardas.pavardė@imone.lt	null	vardas.pavardė@imone.lt				
correspondenceAddress										

addressLine	street	building	housingNo	apartment	locality	eldership	municipality	county		
Birštonas, Alksnių g. 110	Alksnių g.	110	null	null	Birštonas	null	null	null		
notes										
Nėra										
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNrDate	uniqueRoomNo	ntGetCoownerConsent	auctionDate
88888888	Šiaulių g. 8, Šiauliai	BSS	El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	N	null	null	null	null	false	null
contractNotificationStatus										
status	statusDate									
PR	2021-07-14 10:00 00:00									
V	2021-07-14 08:59 00:00									
I	2021-07-14 08:58 00:00									
P	2021-07-14 07:58 00:00									
oldContractInfo										
1.contractType	consumerCode									
SKMS	66655									
objects										
1.objectNumber	objectAddress	contractModel	tariffPlan	timeZone	ownershipDocumentNumber	ntGetCoownerConsent	auctionDate	payoffMethod		
88888888	Šiaulių g. 8, Šiauliai	2S2S	El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	N	null	false	null	null		

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.eso.lt/mock/contract-data/{changeType}/contract-change-notification>

Possible request for contract change notification									
contractType	changeType	contractStart	consentSign	supplierContractNo					
SBTS	SK	[Nuo einamosios datos iki sekančio mėn. 1 d.]	true						
ownerInfo									
subjectType	name	surname	personCode	birthDate	vatCode				
FAS	Vardas	Pavardė	36363636363						
contacts									
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice			
+37061234567				vardas.pavarde@pastas.lt					
correspondenceAddress									
street	building	housingNo	apartment	locality	eldership	municipality	county		
Adreso g.	1			Vilnius					
notes									
Pastaba 123									
objects									

1. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
98765432	BSS	Namai	2		12/12345	2021-01-01	1234-1234-1234:1234	true	
2. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
14725836	BSS	Standartinis	1	E				false	
Possible response data									
notificationId									
10000001									
[id kuriasi vis nauji]									
Possible request for contract change notification									
contractType	changeType	contractStart	consentSign	supplierContractNo					
SKMS	SK	[Nuo einamosios datos iki sekančio mėn. 1 d.]	true						
ownerInfo									
subjectType	name	surname	personCode	birthDate	vatCode				
JAS	UAB "UAB"		123456720						
contacts									
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice			
+37061234567	+37069876543	+37066565656	+37051212121	vardas.pavarde@imone.lt	vardas.pavarde@imone1.lt	vardas.pavarde@imone2.lt			
correspondenceAddress									

street	building	housingNo	apartment	locality	eldership	municipality	county		
Gatvės g.	1				Seniūnijos sen.	Vilniaus r. sav.			
notes									
objects									
1. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
12345678	2S2S	"Išmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4	M				false	2021-07-05
Possible response data									
notificationId									
10000002 [id kuriasi vis nauji]									
Possible request for contract change notification									
contractType	changeType	contractStart	consentSign	supplierContractNo					
SKMS	STK	[Nuo einamosios datos iki sekančio mėn. 1 d.]	true	Numeris-123					
ownerInfo									
subjectType	name	surname	personCode	birthDate	vatCode				
FAS	Vardas	Pavardė	5555555555	1960-01-01	1414141414				
contacts									
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice			

+37061234567					vardas.pavarde@ukininkas.lt		vardas.pavarde@ukininkas.lt		
correspondenceAddress									
street	building	housingNo	apartment	locality	eldership	municipality	county		
Onos Onaitės g.	10		5	Prienai					
notes									
Pastabos pavyzdys									
objects									
1. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
22222222	BSS	"Išmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4		97/12344	2021-01-01		true	
2. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate
33333333	BSS	"Išmanusis" I grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų	4	P				false	2021-01-01
Possible response data									
notificationId									

10000003									
[id kuriasi vis nauji]									
Possible request for contract change notification									
contractType	changeType	contractStart	consentSign	supplierContractNo					
SKMS	STK	[Nuo einamosios datos iki sekančio mėn. 1 d.]	true	Numeris-321					
ownerInfo									
subjectType	name	surname	personCode	birthDate	vatCode				
JAS	UAB "Imonė"		888888888						
contacts									
mobPhoneNoNetwork	mobPhoneNo2Network	mobPhoneNoInvoice	telPhoneNoNetwork	emailNetwork	email2Network	emailInvoice			
+37061234567				vardas.pavarde@imone.lt		vardas.pavarde@imone.lt			
correspondenceAddress									
street	building	housingNo	apartment	locality	eldership	municipality	county		
Alksnių g.	110			Birštonas					
notes									
Nėra									
objects									
1. objectNumber	contractModel	tariffPlan	timeZone	payoffMethod	objectNtr	objectNtrDate	uniqueRoomNo	NTGetCoownerConsent	auctionDate

4444444444	BSS	El. en. persiuntimo 1 planas III grupės vartotojams, gaunantiems elektros energiją iš žemosios įtampos elektros tinklų							false	
Possible response data										
notificationId										
10000004										
[id kuriasi vis nauji]										

Method cancel-contract-change-notifications

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.eso.lt/mock/contract-data/cancel-contract-change-notification/{notificationId}
Possible request for cancel contract change notification	
notificationId (URL parameter)	
100006	
Possible response data	
If the request is successful, an HTTP 201 Created message is returned	