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CUSTOMER AND THIRD PARTY API FOR DATAHUB (ELOVERBLIK) - DATA DESCRIPTION

Document history

Version	Date	Description	Author(s)
1.0	22-11-2019	Initial version	Janine Lindberg
1.1	24-11-2021	In section 2.2: - Comment added regarding profiled settled metering points - Missing values added for disconnectionType - Obsolete address codes removed In section 2.3: - Description of validFromDate updated	Janine Lindberg
1.2	21-03-2022	Information regarding date and time formats has been added in several sections.	Janine Lindberg
1.3	30-11-2022	In section 2.3: Removed fields SubscriptionId, FeeId and TariffId from GetCharges results, as we are unable to provide the data for them. Added field PeriodType to Subscription, Fee and Tariff results.	Anders Blirup Worm
1.4	06-01-2023	In section 2.5: Changed description for out_Quantity.quantity	Darlow Kiruparajan
1.5	31-10-2023	In Section 2.4 added information about meter readings no longer being mandatory.	Peter Gydesen
1.6	15-02-2024	In section 2.2: Added new Fields and corrected ProductId codes to match the API response.	Aksel Jensen
1.7	24-06-2024	In section 2.2: Removed “(This is not available in Third party API)” in description for mpAddressWashInstructions.	Aksel Jensen

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1. Introduction

This document provides information about the data available in the Customer and Third Party API for DataHub (Eloverblik). Each section describes one or more methods/endpoints and the related output data, including field name, data type and a description.

2. Data description

2.1 Authorization master data

Below is a list of data that can be retrieved when performing a *Get authorizations* request.

Field name	Data type	Description
id	String	Unique authorization id.
thirdPartyName	String	Name of the third party.
validFrom	String	The date from when the authorization is valid. The date is expressed in UTC as specified in ISO 8601.
validTo	String	The date until when the authorization is valid. The date is expressed in UTC as specified in ISO 8601.
customerName	String	Name of the customer extracted from the customer's NemID certificate.
customerCVR	String	CVR number of the customer.
customerKey	String	Optional key that was applied to the authorization when it was requested from the customer. Can be used to identify the customer.
includeFutureMetering-Points	Boolean	Specifies whether the customer has accepted that future metering points that will be registered to his CVR will automatically be included in the authorization. If the customer has granted several authorizations with different includeFutureMetering-Points values, then the value of most recent active authorization takes precedence.
timeStamp	String	Date and time when the authorization was registered. The date/time is expressed in UTC as specified in ISO 8601.

2.2 Metering point master data

Below is a list of data that can be retrieved when performing a *Get metering points* or a *Get metering point details* request. The actual data returned depends on the type of request and the type of user (customer or third party).

Field name	Data type	Description
meteringPointId	String	Unique metering point id consisting of 18 characters.
parentMeteringPointId	String	The id of the related parent metering point. Only applicable for child metering points.
typeOfMP	String	Specifies the type of metering point. Possible values:

Code	Description DK	Description EN
D01	VE-produktion	VE Production
D02	Analysemålepunkt	Analysis
D04	Overskudsproduktion gruppe 6	Surplus production group 6
D05	Nettoproduktion	Net production

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>D06</td><td>Leveret til net</td><td>Supply to grid</td></tr>
<tr><td>D07</td><td>Forbrugt fra net</td><td>Consumption from grid</td></tr>
<tr><td>D08</td><td>Afregningsgrundlag/ Information</td><td>Wholesale services / information</td></tr>
<tr><td>D09</td><td>Egenproduktion</td><td>Own production</td></tr>
<tr><td>D10</td><td>Netto fra net</td><td>Net from grid</td></tr>
<tr><td>D11</td><td>Netto til net</td><td>Net to grid</td></tr>
<tr><td>D12</td><td>Brutto forbrug</td><td>Total consumption</td></tr>
<tr><td>D14</td><td>Elvarme</td><td>Electrical heating</td></tr>
<tr><td>D15</td><td>Netto forbrug</td><td>Net consumption</td></tr>
<tr><td>D17</td><td>Øvrigt forbrug</td><td>Other consumption</td></tr>
<tr><td>D18</td><td>Øvrig produktion</td><td>Other production</td></tr>
<tr><td>D99</td><td>Intern brug</td><td>Internal use</td></tr>
<tr><td>E17</td><td>Forbrugsmålepunkt</td><td>Consumption</td></tr>
<tr><td>E18</td><td>Produktionsmålepunkt</td><td>Production</td></tr>
</table>
</td></tr>
<tr><td>energyTimeSeriesMeasure-Unit</td><td></td><td>Specifies the energy measurement unit relevant for the metering point.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr>
<tr><td>AMP</td><td>Ampere</td><td>Ampere</td></tr>
<tr><td>H87</td><td>Antal styk</td><td>STK</td></tr>
<tr><td>K3</td><td>kVArh</td><td>kVArh (KiloVolt-Ampere reactive hour)</td></tr>
<tr><td>KWH</td><td>kWh</td><td>kWh (Kilowatt-hour)</td></tr>
<tr><td>KWT</td><td>kW</td><td>kW (Kilowatt)</td></tr>
<tr><td>MAW</td><td>MW</td><td>MW (Megawatt)</td></tr>
<tr><td>MWH</td><td>MWh</td><td>MWh (Megawatt-hour)</td></tr>
<tr><td>TNE</td><td>Tons</td><td>Tonne (metric ton)</td></tr>
<tr><td>Z03</td><td>MVAr</td><td>MVAr (MegaVolt-Ampere reactive power)</td></tr>
<tr><td>Z14</td><td>KT (tarif kode)</td><td>Danish Tariff Code</td></tr>
</table>
</td></tr>
<tr><td>estimatedAnnualVolume</td><td>String</td><td>Estimated annual consumption/production of the metering point. Only required for profiled settled metering points. May exist for metering points with other settlement methods, but is not necessarily maintained and should therefore not be used.</td></tr>
<tr><td>settlementMethod</td><td>String</td><td>Settlement method of the metering point.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr>
<tr><td>D01</td><td>Flexafregnet</td><td>Flex settled</td></tr>
<tr><td>E01</td><td>Skabelonafregnet</td><td>Profiled settled</td></tr>
<tr><td>E02</td><td>Timeafregnet</td><td>Non-profiled settled</td></tr>
</table>

If a metering point is flex settled or non-profiled settled or has no settlement method, only non-profiled energy quantities are registered for the metering point.
If a metering point is profiled settled, profiled energy quantities (consumption statements) as well as non-profiled energy quantities can be registered for the metering point depending on the meter reading occurrence (see further details in the section regarding meterReadingOccurrence elsewhere in this table).</td></tr>
</table>

<table>
<tr><td></td><td></td><td>Profiled settled metering points no longer exist, since all profiled settled metering points were converted to flex settled metering points before 01-01-2021. However, if a metering point used to be profiled settled, profiled energy quantities will still be registered for the metering point in the period when the metering point was profiled settled.</td></tr>
<tr><td>meterNumber</td><td>String</td><td>Meter number identifying the physical meter. Only available if the metering point has a physical meter.</td></tr>
<tr><td>gridOperatorName</td><td>String</td><td>Name of the grid operator.</td></tr>
<tr><td>meteringGridAreaIdentification</td><td>String</td><td>Id of the grid area to which the metering point belongs.</td></tr>
<tr><td>netSettlementGroup</td><td></td><td>Net settlement group to which the metering point belongs.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr>
<tr><td>0</td><td>Ingen nettoafregning</td><td>No Net Settlement</td></tr>
<tr><td>1</td><td>Nettoafregningsgruppe 1</td><td>Net Settlement Group 1</td></tr>
<tr><td>2</td><td>Nettoafregningsgruppe 2</td><td>Net Settlement Group 2</td></tr>
<tr><td>3</td><td>Nettoafregningsgruppe 3</td><td>Net Settlement Group 3</td></tr>
<tr><td>4</td><td>Nettoafregningsgruppe 4</td><td>Net Settlement Group 4</td></tr>
<tr><td>5</td><td>Nettoafregningsgruppe 5</td><td>Net Settlement Group 5</td></tr>
<tr><td>6</td><td>Nettoafregningsgruppe 6</td><td>Net Settlement Group 6</td></tr>
<tr><td>7</td><td>Nettoafregningsgruppe 7</td><td>Net Settlement Group 7</td></tr>
<tr><td>99</td><td>Nettoafregningsgruppe 99</td><td>Net Settlement Group 99</td></tr>
</table></td></tr>
<tr><td>physicalStatusOfMP</td><td>String</td><td>Physical status of the metering point.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr>
<tr><td>D03</td><td>Nyoprettet</td><td>New</td></tr>
<tr><td>E22</td><td>Tilsluttet</td><td>Connected</td></tr>
<tr><td>E23</td><td>Afbrudt</td><td>Disconnected</td></tr>
</table></td></tr>
<tr><td>consumerCategory</td><td>String</td><td>Applies to all consumption metering points. Specifies the three-digit consumer category for the electricity-consumption category which applies to the metering point.</td></tr>
<tr><td>powerLimitKW</td><td>String</td><td>Specifies the actual maximum limit for power (in kW).</td></tr>
<tr><td>powerLimitA</td><td>String</td><td>Specifies the actual maximum limit for current (in ampere)</td></tr>
<tr><td>subTypeOfMP</td><td>String</td><td>Specifies the sub type of the metering point.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th><th>Comment</th></tr>
<tr><td>D01</td><td>Fysisk</td><td>Physical</td><td>The metering point has a physical meter.</td></tr>
<tr><td>D02</td><td>Virtuel</td><td>Virtual</td><td>The energy volume is calculated by the grid operator.</td></tr>
<tr><td>D03</td><td>Beregnet</td><td>Calculated</td><td>The energy volume is calculated in DataHub.</td></tr>
</table></td></tr>
<tr><td>productionObligation</td><td>String</td><td>Specifies for a production metering point that a production obligation applies to the metering point and that no change of supplier or move-in/move-out can be carried out for the metering point.</td></tr>
<tr><td>mpCapacity</td><td>String</td><td>Specifies the power in kW for the production facility.</td></tr>
</table>

<table>
<tr><td>mpConnectionType</td><td>String</td><td>Specifies the connection type of a metering point for which net settlement is used.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D01</td><td>Direkte tilsluttet</td><td>Direct connected</td></tr><tr><td>D02</td><td>Installationstilsluttet</td><td>Installation connected</td></tr></table></td></tr>
<tr><td>disconnectionType</td><td>String</td><td>Specifies how the metering point can be disconnected by the grid operator.

Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D00</td><td>Til fremtidig brug</td><td>For future usage</td></tr><tr><td>D01</td><td>Fjernafbrydelig</td><td>Remote disconnection</td></tr><tr><td>D02</td><td>Manuel afbrydelig</td><td>Manual disconnection</td></tr></table></td></tr>
<tr><td>product</td><td>String</td><td>Product Id.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>Item5790001330590</td><td>Tidstarif</td><td>Tariff</td></tr><tr><td>Item5790001330606</td><td>Brændselsmængde</td><td>Fuel quantity</td></tr><tr><td>Item8716867000016</td><td>Aktiv effekt</td><td>Active power</td></tr><tr><td>Item8716867000023</td><td>Reaktiv effekt</td><td>Reactive power</td></tr><tr><td>Item8716867000030</td><td>Aktiv energi</td><td>Active energy</td></tr><tr><td>Item8716867000047</td><td>Reaktiv energi</td><td>Rective energy</td></tr></table></td></tr>
<tr><td>consumerCVR</td><td>String</td><td>CVR number of the registered consumer. Only available for metering points registered to business consumers.</td></tr>
<tr><td>dataAccessCVR</td><td>String</td><td>Additional CVR number of the registered consumer. Only available for metering points registered to business consumers.</td></tr>
<tr><td>consumerStartDate</td><td>String</td><td>Date when the current consumer was registered to the metering point. Not available for child metering points.
The date is expressed in UTC as specified in ISO 8601.</td></tr>
<tr><td>meterReadingOccurrence</td><td>String</td><td>Specifies the meter reading resolution.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>ANDET</td><td>Andet</td><td>Other</td></tr><tr><td>P1M</td><td>Måned</td><td>Monthly</td></tr><tr><td>PT15M</td><td>Kvarter</td><td>15 Minutes</td></tr><tr><td>PT1H</td><td>Pr. time</td><td>Hourly</td></tr></table>
If a metering point has meter reading occurrence = Other, only profiled energy quantities (consumption statements) can be registered for the metering point.
If a metering point has meter reading occurrence = P1M or PT15M, only non-profiled energy quantities can be registered for the metering point.
If a metering point has meter reading occurrence = PT1H, profiled energy quantities (consumption statements) as well as</td></tr>
</table>

<table>
<tr><td></td><td></td><td>non-profiled energy quantities can be registered for the metering point depending on the settlement method (see further details elsewhere in this table).
See further details regarding profiled energy quantities versus non-profiled energy quantities in the section regarding settlementMethod elsewhere in this table.</td></tr>
<tr><td>mpReadingCharacteristics</td><td>String</td><td>Specifies how the metering point is read. Only applicable for profiled metering points.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D01</td><td>Fjernaflæst</td><td>Automatic meter reading</td></tr><tr><td>D02</td><td>Manuelt aflæst</td><td>Manual meter reading</td></tr></table></td></tr>
<tr><td>meterCounterDigits</td><td>String</td><td>Number of digits on the counting mechanism of a meter. Only applicable for metering points with a physical meter.</td></tr>
<tr><td>meterCounterMultiplyFactor</td><td>String</td><td>The conversion factor on the counting mechanism of the meter. Only applicable for metering points with a physical meter.</td></tr>
<tr><td>meterCounterUnit</td><td>String</td><td>Unit in which the counting mechanism of a meter meters the energy consumption. Only applicable for metering points with a physical meter.</td></tr>
<tr><td>meterCounterType</td><td>String</td><td>Specifies whether the counter of a meter accumulates or balances consumption. Only applicable for metering points with a physical meter.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D01</td><td>Akkumulerende</td><td>Accumulated</td></tr><tr><td>D02</td><td>Salderende</td><td>Balanced</td></tr></table></td></tr>
<tr><td>balanceSupplierName</td><td>String</td><td>Name of the current balance supplier.</td></tr>
<tr><td>balanceSupplierStartDate</td><td>String</td><td>Start date of the current balance supplier. The date is expressed in UTC as specified in ISO 8601.</td></tr>
<tr><td>taxReduction</td><td>String</td><td>Specifies whether the consumer is entitled to a potential electricity tax reduction due to electric heating.</td></tr>
<tr><td>taxSettlementDate</td><td>String</td><td>The date specifies either the commencement or termination of an electricity tax reduction. The date is expressed in UTC as specified in ISO 8601.</td></tr>
<tr><td>mpRelationType</td><td>String</td><td>Not used. No value is retuned. Will be removed in a later version of the API.</td></tr>
<tr><td>streetCode</td><td>String</td><td>Street code – part of metering point location address.</td></tr>
<tr><td>streetName</td><td>String</td><td>Street name – part of metering point location address.</td></tr>
<tr><td>buildingNumber</td><td>String</td><td>Building number – part of metering point location address.</td></tr>
<tr><td>floorId</td><td>String</td><td>Floor id – part of metering point location address.</td></tr>
<tr><td>roomId</td><td>String</td><td>Room id – part of metering point location address.</td></tr>
<tr><td>postcode</td><td>String</td><td>Postcode – part of metering point location address.</td></tr>
<tr><td>cityName</td><td>String</td><td>City name – part of metering point location address.</td></tr>
<tr><td>citySubDivisionName</td><td>String</td><td>City sub division name – part of metering point location address.</td></tr>
<tr><td>municipalityCode</td><td>String</td><td>Municipality code – part of metering point location address.</td></tr>
<tr><td>locationDescription</td><td>String</td><td>Comment related to the location or nature of the metering point. Will most often be a description regarding the location of the physical meter.</td></tr>
</table>

<table>
<tr><td>firstConsumerPartyName</td><td>String</td><td>Name of consumer 1</td></tr>
<tr><td>secondConsumerPartyName</td><td>String</td><td>Name of consumer 2</td></tr>
<tr><td>contactAddresses</td><td></td><td></td></tr>
<tr><td>contactName1</td><td>String</td><td>Name of contact person 1</td></tr>
<tr><td>contactName2</td><td>String</td><td>Name of contact person 2</td></tr>
<tr><td>addressCode</td><td>String</td><td>Code specifying the type of contact address.
Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D01</td><td>Teknisk adresse</td><td>Technical address</td></tr><tr><td>D04</td><td>Juridisk adresse</td><td>Juridical address</td></tr></table></td></tr>
<tr><td>streetName</td><td>String</td><td>Street code – part of the specific contact address.</td></tr>
<tr><td>buildingNumber</td><td>String</td><td>Street name – part of the specific contact address.</td></tr>
<tr><td>floorId</td><td>String</td><td>Building number – part of the specific contact address.</td></tr>
<tr><td>roomId</td><td>String</td><td>Floor id – part of the specific contact address.</td></tr>
<tr><td>citySubDivisionName</td><td>String</td><td>Room id – part of the specific contact address.</td></tr>
<tr><td>postcode</td><td>String</td><td>Postcode – part of the specific contact address.</td></tr>
<tr><td>cityName</td><td>String</td><td>City name – part of the specific contact address.</td></tr>
<tr><td>countryName</td><td>String</td><td>Country name – part of the specific contact address.</td></tr>
<tr><td>contactPhoneNumber</td><td>String</td><td>Contact phone number.</td></tr>
<tr><td>contactMobileNumber</td><td>String</td><td>Contact mobile number.</td></tr>
<tr><td>contactEmailAddress</td><td>String</td><td>Contact e-mail address.</td></tr>
<tr><td>contactType</td><td>String</td><td>Not used. Null is retuned. Will be removed in a later version of the API.</td></tr>
<tr><td>protectedAddress</td><td>String</td><td>Specifies if the Address is protected.</td></tr>
<tr><td>attention</td><td>String</td><td>Specifies if there a person or a c/o address to attention.</td></tr>
<tr><td>postBox</td><td>String</td><td>Specifies if there a postbox to attention.</td></tr>
<tr><td>hasRelation</td><td>Boolean</td><td>Specifies whether a relation already exists between the metering point and the user making the request.</td></tr>
<tr><td>assetType</td><td>String</td><td>Energy type.

Possible values:<table><tr><th>Code</th><th>Description DK</th><th>Description EN</th></tr><tr><td>D01</td><td>Dampturbine med modtryksdrift</td><td>Steam backpressure turbine</td></tr><tr><td>D02</td><td>Gasturbine</td><td>Gas turbine</td></tr><tr><td>D03</td><td>Kombineret</td><td>Combined cycle</td></tr><tr><td>D04</td><td>Forbrændingsmotor Gas</td><td>Internal combustion engine Gas</td></tr><tr><td>D05</td><td>Dampturbine med kondens/damp</td><td>Steam turbine condensation/steam</td></tr><tr><td>D06</td><td>Kedel</td><td>Boiler</td></tr><tr><td>D07</td><td>Stirlingmotor</td><td>Stirling engine</td></tr><tr><td>D08</td><td>Permanent tilsluttede elektriske energilageranlæg</td><td>Permanently connected electrical energy storage facilities</td></tr><tr><td>D09</td><td>Temporært tilsluttede elektriske energilageranlæg</td><td>Temporarily connected electrical energy storage facilities</td></tr><tr><td>D10</td><td>Brændselsceller</td><td>Fuel cells</td></tr></table></td></tr>
</table>

		D11 Solceller / Photovoltaics D12 Vindmøller / Wind turbines D13 Vandkraft / Hydropower D14 Bølgekraft / Wave power D15 Blandet produktion / Mixed production D16 Produktion med elektriske energilageranlæg / Production with electrical energy storage facilities D17 Power-to-X / Power-to-X D18 Regenerative forbrugsanlæg / Regenerative demand facility D19 Forbrændingsmotor Dieselmotor / Internal combustion engine diesel engine D20 Bioforbrændingsmotor / Biocombustion engine D99 Ukendt teknologi / Unknown technology
occurrence	String	Date of the data request.
gridOperatorId	String	Id of the Grid Operator.
gridOperatorId_SchemeAgencyIdentifier	String	Specifies which Agency the Balance supplier Identifier is associated with. Possible values: GLN: Global Location Number Link EIC: The Energy Identification Coding Link
darReference	String	Specifies the reference id to the public Danish Address Register.
protectedName	String	Specifies if the name is protected. (This is not available in Third party API)
mpAddressWashInstructions	String	Specifies if the address can be washed against the public Danish address register. Possible values: Code / Description DK / Description EN D01 Vaskbar / Washable D02 Ikke vaskbar / Not washable
balanceSupplierId	String	Id of the Balance supplier. (This is not available in Third party API)
balanceSupplierId_SchemeAgencyIdentifier	String	Specifies which Agency the Balance supplier Identifier is associated with. (This is not available in Third party API) Possible values: GLN: Global Location Number Link EIC: The Energy Identification Coding Link

2.3 Charge data

Below is a list of data that can be retrieved when performing a *Get charges* request.

Field name	Data type	Description
meteringPointId	String	Unique metering point id consisting of 18 characters.
subscriptions		
name	String	Short subscription name.
description	String	Subscription description.

owner	String	Specifies a GLN (Global Location Number) representing the owner of the subscription (grid operator).
validFromDate	String	Date from when the subscription was linked to the metering point. If the subscription was linked to the metering point in the past, validFromDate will be equal to Today. The date is expressed in UTC as specified in ISO 8601.
validToDate	String	Date until when the subscription is linked to the metering point. Is null, if no end date is set. The date is expressed in UTC as specified in ISO 8601.
price	Number	The value representing the price of the subscription.
quantity	Number	The number of times the subscription has been linked to the metering point.
periodType	String	Resolution of charge. Possible values are: • PT15M (Quarer-hourly) • PT1H (Hourly) • P1M (Monthly) • ANDET (Other)
fees		
name	String	Short fee name.
description	String	Fee description.
owner	String	Specifies a GLN (Global Location Number) representing the owner of the fee (grid operator).
validFromDate	String	Date from when the fee was linked to the metering point. Can only be Today, since only fees that are valid today are returned. The date is expressed in UTC as specified in ISO 8601.
validToDate	String	Will always be null. A fee can only refer to a specific day (the validFromDate) and never has a validToDate.
price	Number	The value representing the price of the fee.
quantity	Number	The number of times the fee has been linked to the metering point.
periodType	String	Resolution of charge. Possible values are: • PT15M (Quarer-hourly) • PT1H (Hourly) • P1M (Monthly) • ANDET (Other)
tariffs		
name	String	Short tariff name.
description	String	Tariff description.
owner	String	Specifies a GLN (Global Location Number) representing the owner of the tariff (grid operator or system operator).
periodType	String	Type of period for which the tariff applies. Possible values: Day or Hour
validFromDate	String	Date from when the tariff is linked to the metering point. If the tariff was linked to the metering point in the past. validFromDate will be equal to Today. The date is expressed in UTC as specified in ISO 8601.
validToDate	String	Date until when the tariff is linked to the metering point. Is null, if no end date is set. The date is expressed in UTC as specified in ISO 8601.
periodType	String	Resolution of charge. Possible values are:

		• PT15M (Quarer-hourly) • PT1H (Hourly) • P1M (Monthly) • ANDET (Other)
prices		
position	Number	Possible values: 1-24 If the periodType is *Day*, then 1 position is returned. If the periodType is *Hour*, then 24 positions are returned.
price	String	The value representing the price for the specific position.

2.4 Meter reading data

Below is a list of data that can be retrieved when performing a *Get meter readings* request.
Please note: Submission of meter readings to DataHub is no longer mandatory since end of 2021. Therefore, data may not be available for all metering points

Field name	Data type	Description
meteringPointId	String	Unique metering point id consisting of 18 characters.
readings		
readingDate	String	Date when the reading was performed. The date is expressed in UTC as specified in ISO 8601.
registrationDate	String	Date and time when the reading was registered in DataHub. The date/time is expressed in UTC as specified in ISO 8601.
meterNumber	String	Meter number identifying the physical meter.
meterReading	String	The actual value of the reading.
meaurementUnit	String	The measurement unit of the reading. Possible values:

Code	Description DK	Description EN
AMP	Ampere	Ampere
H87	Antal styk	STK
K3	kVArh	kVArh (KiloVolt-Ampere reactive hour)
KWH	kWh	kWh (Kilowatt-hour)
KWT	kW	kW (Kilowatt)
MAW	MW	MW (Megawatt)
MWH	MWh	MWh (Megawatt-hour)
TNE	Tons	Tonne (metric ton)
Z03	MVAr	MVAr (MegaVolt-Ampere reactive power)
Z14	KT (tarif kode)	Danish Tariff Code

2.5 Time series data

Below is a list of data that can be retrieved when performing a *Get time series* request.

Field name	Data type	Description
MyEnergyData_MarketDocument		
mRID	String	Identification of the market document. If several MarketDocument structures are contained in the same message, then all of them will have the same id.

createdDateTime	String	The date and time of the creation of the document/message. The date/time is expressed in UTC as specified in ISO 8601.
sender_MarketParticipant.name	String	Sender name. Fixed value = Energinet
sender_MarketParticipant.mRID		
codingScheme	String	The coding scheme used for the sender mRID. Fixed value = A10 This code specifies that the coding scheme used is the Global Location Number (GLN 13) maintained by GS1.
name	String	GLN (Global Location Number) of DataHub. Fixed value = 5790001330583
period.timeInterval		
start	String	Start date of the total time interval for all time series in the specific Market_document. The date is expressed in UTC as specified in ISO 8601.
end	String	End date of the total time interval for all time series in the specific Market_document. The date is expressed in UTC as specified in ISO 8601.
TimeSeries		
mRID	String	Unique metering point id consisting of 18 characters.
businessType	String	A code specifying the nature of the time series. Possible values: **Code** / **Description DK** / **Description EN** A01 / Produktion / Production A04 / Forbrug / Consumption A64 / Forbrug (skabelon) / Consumption (profiled)
curveType	String	The coded representation of the type of curve being described. Will always be A01, specifying that the curve is made of successive Intervals of time (blocks) of constant duration (size), where the size of the blocks is equal to the resolution of the period.
measurement_Unit.name	String	The unit of measure that is applied to a quantity.
MarketEvaluationPoint		
mRID		
codingScheme	String	The coding scheme used for the market evaluation point mRID. Fixed value = A10 This code specifies that the coding scheme used is the Global Service Relation Number (GSRN 18) maintained by GS1.
name	String	Unique metering point id consisting of 18 characters.
Period		
resolution	String	Specifies the resolution that the specific period covers. Possible values: **Code** / **Description DK** / **Description EN** / **Comment** PT15M / Kvarter / Quarter of an hour /

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>PT1H</td><td>Time</td><td>Hour</td><td></td></tr>
<tr><td>P1D</td><td>Dag</td><td>Day</td><td></td></tr>
<tr><td>P1M</td><td>Måned</td><td>Month</td><td></td></tr>
<tr><td>P1Y</td><td>År</td><td>Year</td><td></td></tr>
<tr><td>PXD</td><td>X dage</td><td>X days</td><td>X is a variable.
This resolution is only applicable to profiled energy quantities which can cover periods of various lengths. Therefore, the period resolution is reported in days.</td></tr>
</table>
</td></tr>
<tr><td colspan="3">timeInterval</td></tr>
<tr><td>start</td><td>String</td><td>Start date of period. The date is expressed in UTC as specified in ISO 8601.</td></tr>
<tr><td>end</td><td>String</td><td>End date of period. The date is expressed in UTC as specified in ISO 8601.</td></tr>
<tr><td colspan="3">Point</td></tr>
<tr><td>position</td><td>String</td><td>Possible values: 1-96</td></tr>
<tr><td>out_Quantity.quantity</td><td>String</td><td>The quantity value associated with a given point, with a maximum 3 decimals</td></tr>
<tr><td>out_Quantity.quality</td><td>String</td><td>The quality of the quantity associated with a given point.
Possible values:
<table>
<tr><th>Code</th><th>Description DK</th><th>Description EN</th><th>Comment</th></tr>
<tr><td>A01</td><td>Korrigeret</td><td>Adjusted</td><td>Will no longer be used after February 2020. Until then it specifies energy quantities which are calculated by DataHub.</td></tr>
<tr><td>A02</td><td>Mangler</td><td>Not available</td><td>Specifies that the grid operator has submitted a “missing indicator” to DataHub for the specific position, meaning that the energy quantity is not available. Therefore, no quantity will be returned for the specific position.</td></tr>
<tr><td>A03</td><td>Estimeret</td><td>Estimated</td><td>Specifies that the grid operator has submitted the quantity to DataHub as an estimate.</td></tr>
<tr><td>A04</td><td>Målt</td><td>As provided</td><td>Specifies that the grid operator has submitted the quantity to DataHub as measured.</td></tr>
<tr><td>A05</td><td>Ufuldstændig</td><td>Incomplete</td><td>Is applied to an aggregated energy quantity if at least one of the quantities included in the aggregation has been submitted to DataHub with a “missing indicator”, meaning that the</td></tr>
</table>
</td></tr>
</table>

					quantity is not available (as described under code A02).