

Hello Georg,

You don't need an Enedis account to try our APIS, you can use the sandbox.

You can use those credentials.

Client-id : 304de432-8af9-4b35-a7c1-582ed164b3f4

Client-secret : 137f0263-441c-43e6-8e22-49d09119f726

This request, for example, will simulate the fact that a customer gave their consent, and give you an authorization code :

https://gw.hml.api.enedis.fr/dataconnect/v1/oauth2/authorize?client_id=304de432-8af9-4b35-a7c1-582ed164b3f4&state=customer3&duration=P4M&response_type=code

Then, with the received code, you can (within 3 minutes) get an access-token and the usage_point_ID with this request :

Meth od	URL	header	content
POST	https://gw.hml.api.enedis.fr/v1/oauth2/token?redirect_uri=https://gw.hml.api.enedis.fr/redirect	Content-Type: application/x-www-form-urlencoded	grant_type=authorization_code&client_id=304de432-8af9-4b35-a7c1-582ed164b3f4&client_secret=137f0263-441c-43e6-8e22-49d09119f726&code=XXXXXXXXXXXXXXXXXXXXXX XX

This process of authorization is documented here :

<https://datahub-enedis.fr/data-connect/documentation/authorize-v1/>

Finally, this will allow you to get consumer's data with this request :

Method	URL	header	content
GET	https://gw.hml.api.enedis.fr/v4/metering_data/daily_consumption?usage_point_id=XXXXXXXXXXXXXXXX&start=2020-04-19&end=2020-04-20	Accept:application/json;Authorization:Bearer XXXXXXXXXXXXXXXXXXXX XXXXXXXXXX	None

And you will get something like:

```
{
  "meter_reading": {
    "usage_point_id": "xxxxxxxxxxxx",
    "start": "2019-05-06",
    "end": "2019-05-07",
    "quality": "BRUT",
    "reading_type": {
      "measurement_kind": "energy",
      "measuring_period": "P1D",
      "unit": "Wh",
      "aggregate": "sum"
    },
  },
  "interval_reading": [
    {
      "value": "540",
      "date": "2019-05-06"
    }
  ]
}
```

}

Our API to get data are described here :

<https://datahub-enedis.fr/data-connect/documentation/metering-data-v4/>

The sandbox doesn't show the consent collection and simulates that the customers always agrees immediately. You can see what this consent collection looks like in the following

screens : <https://datahub-enedis.fr/data-connect/parcours-client/>