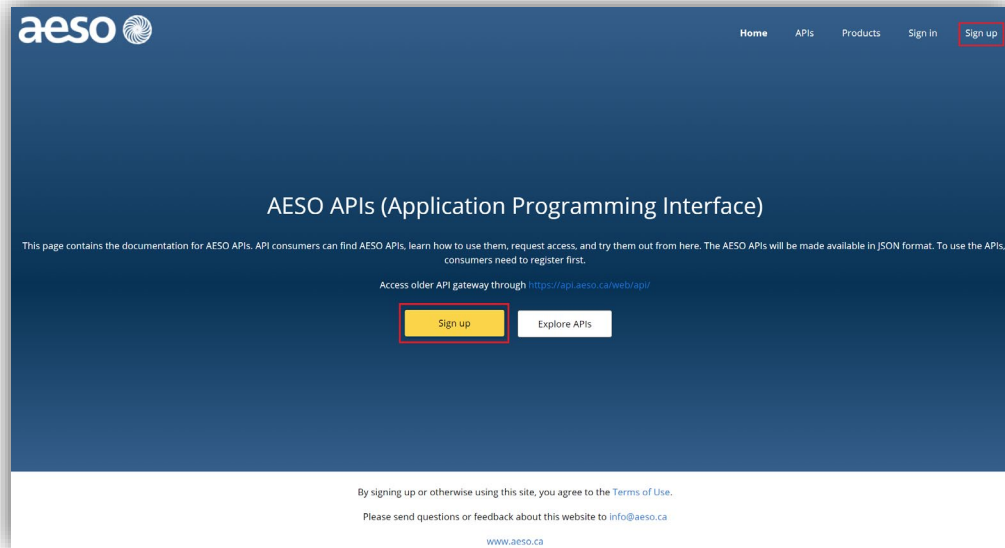
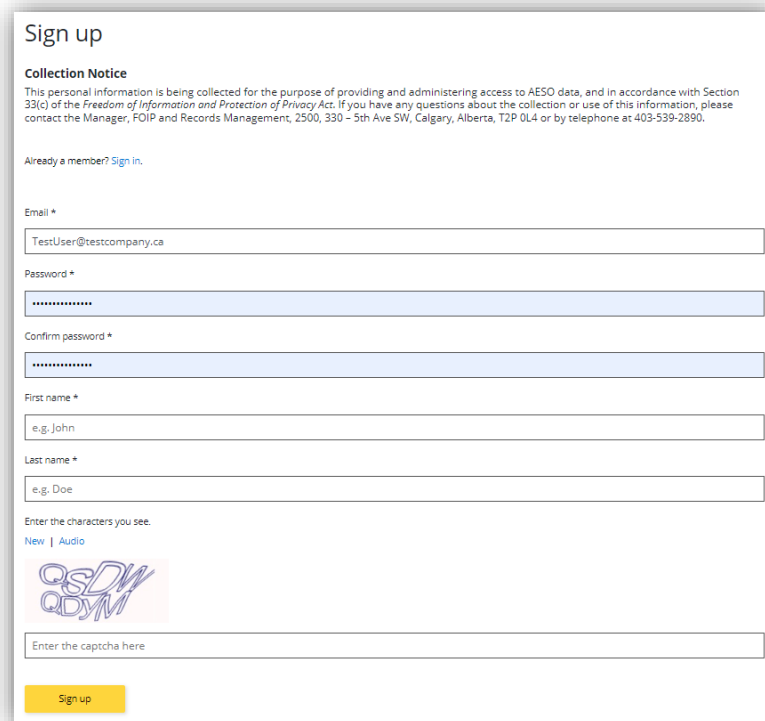


Steps to access APIs on APIM API Gateway

1. Go to [AESO APIs homepage](#) to sign up.



2. Sign up using your preferred email.



3. You will receive a notification email with a link. Click on the link to confirm your email ID and complete your registration.
4. The link will bring up the sign in page. Sing in using the email and password used for signing up.

Sign in

Not a member yet? [Sign up.](#)

Email *

testuser@testcompany.ca

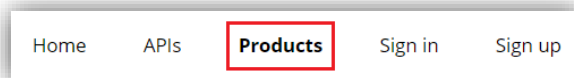
Password *

.....

[Sign in](#)

[Forgot your password?](#)

5. After Sign in, go to 'Products' page.



6. Select the API Product.

API Products

🔍 Search products

Name	Description
AESO Public API	Subscribers can access the AESO public data through these APIs.

7. Subscribe to an API group:
 - i. Provide a name for your subscription.
 - ii. Agree to terms of use.
 - iii. Click 'Subscribe'.

AESO Public API AESO Public API ▾

Subscribers can access the AESO public data through these APIs.

Your subscriptions

You don't have subscriptions yet.

I agree to the Terms of Use. [Show](#)
Subscribe

8. The Primary and Secondary keys will get generated and will be visible under the Profile page. You will also receive a welcome email that will confirm the same.

aeso Home APIs Products Reports **Profile** Sign out

User profile

Account details

Email [REDACTED]
 First name [REDACTED]
 Last name [REDACTED]
 Registration date 04/23/2024

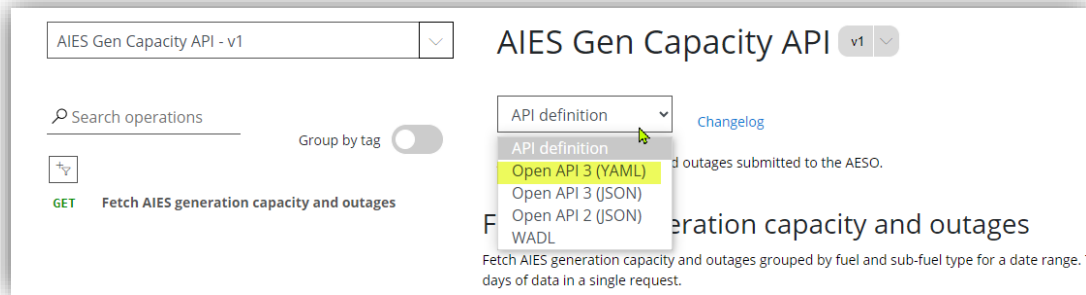
Change name
Change password
Close account

Subscriptions

Subscription details	Product	State	Action
Name	TestSubscription	Active	Cancel
Started on	04/23/2024		
Primary key	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		Show Regenerate
Secondary key	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		Show Regenerate

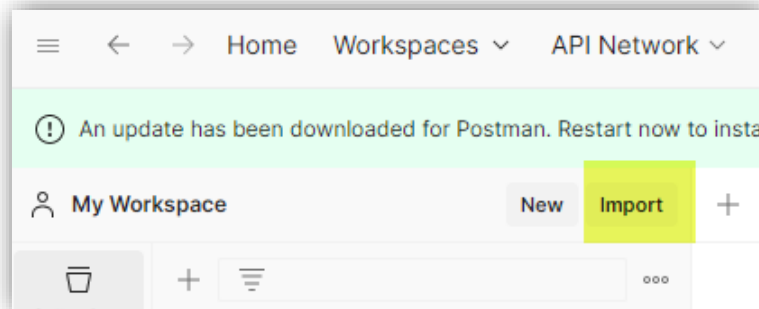
9. You can now start accessing the APIs using the keys provided.
10. Note – In rare scenarios, if a product is dropped and recreated, then the user will need to regenerate their key to access the APIs again. The user will get 'Invalid Key' error if they continue to use the old key.

- To import AESO API to your choice of API tool you will need to first download the AESO API definition from developer portal. We recommend – Open API 3 (YAML) or (JSON) format.



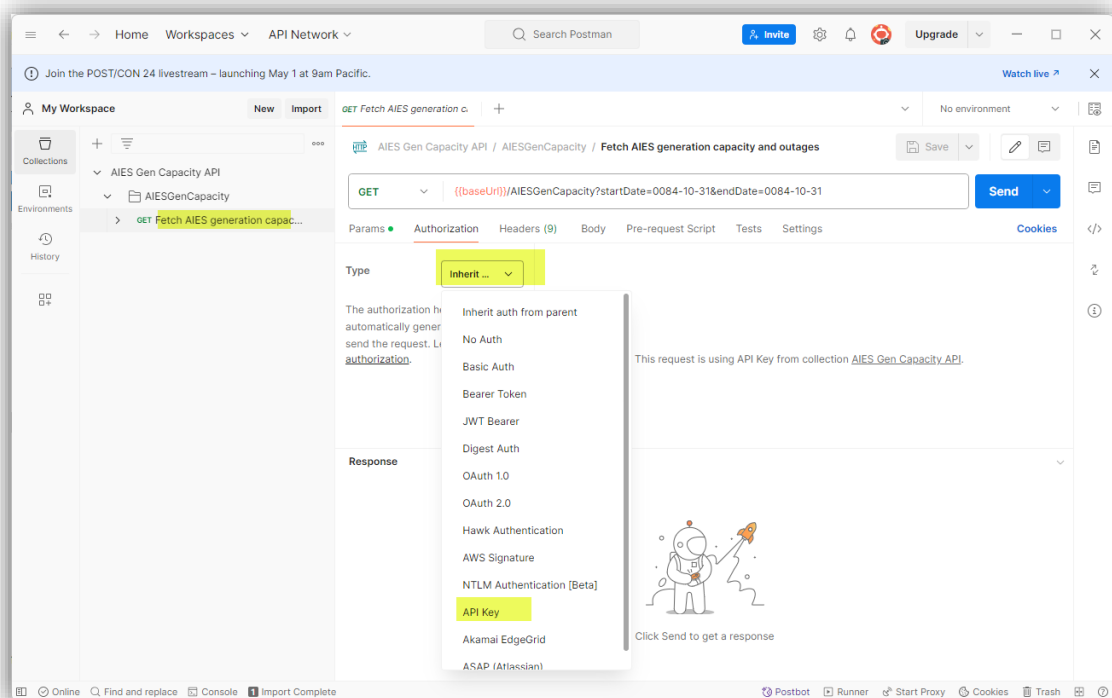
- Import the downloaded 'Open API 3' definition file into your API Tool.

Note: The screenshot is from the API tool – Postman.



- Select the API > GET API and go to the 'Authorization' tab and select the 'Type' = API-KEY, from the drop-down menu.

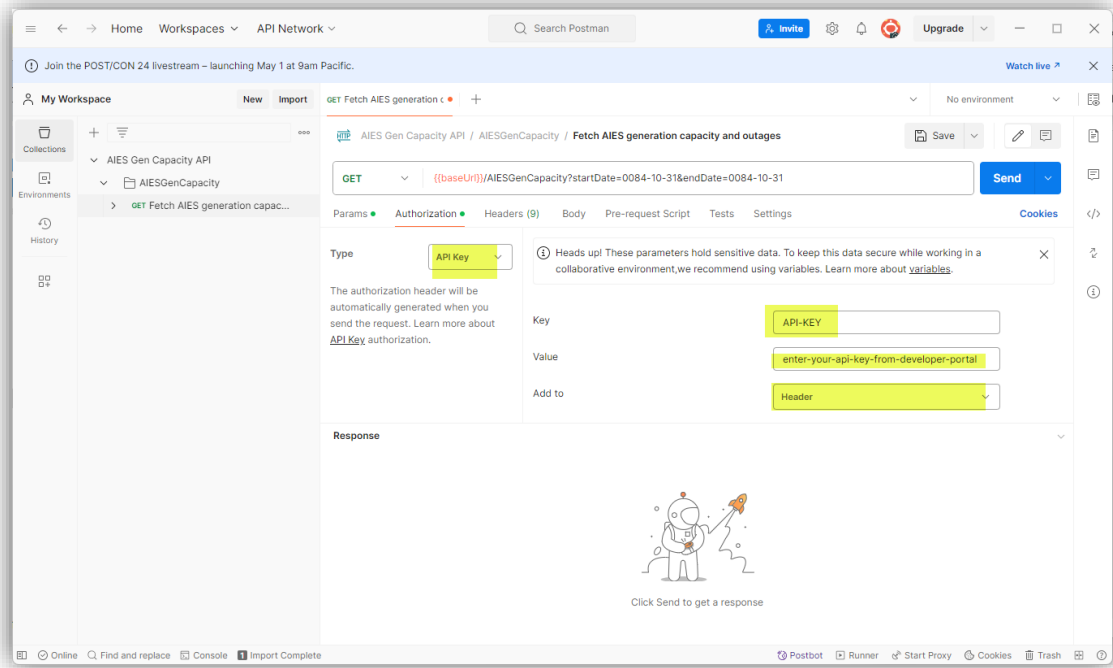
Note: The screenshot is from the API tool – Postman.



14. On the 'Authorization' tab

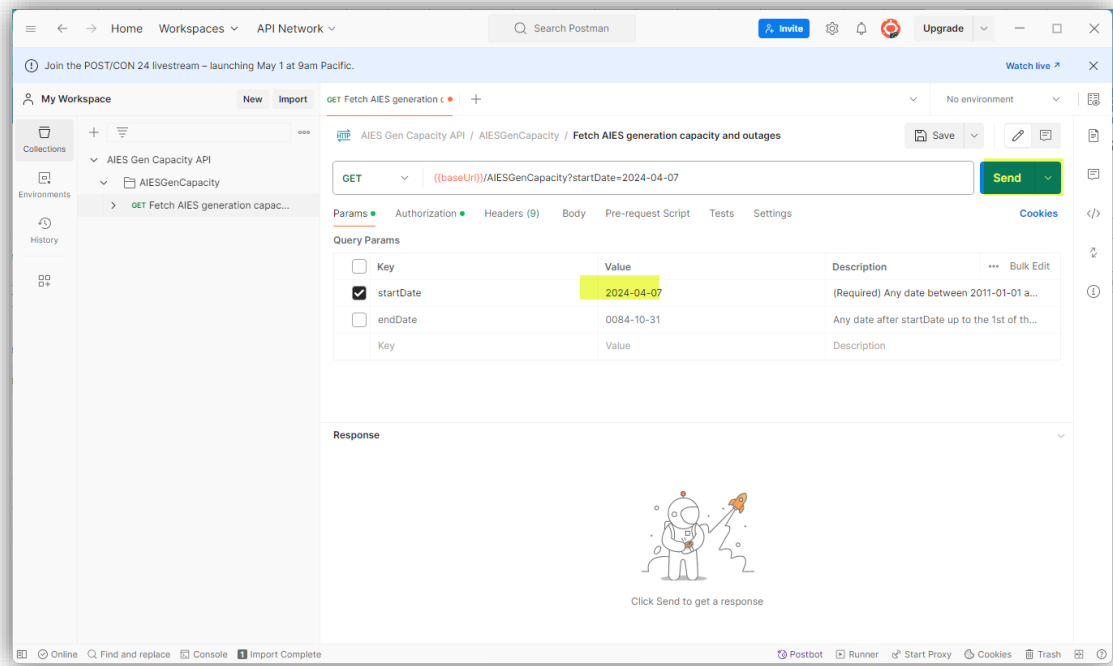
- I. Enter 'API-KEY' into the 'Key' field, and
- II. Enter the primary key from profile page of developer portal into the 'Value' field.

Note: The screenshot is from the API tool – Postman.



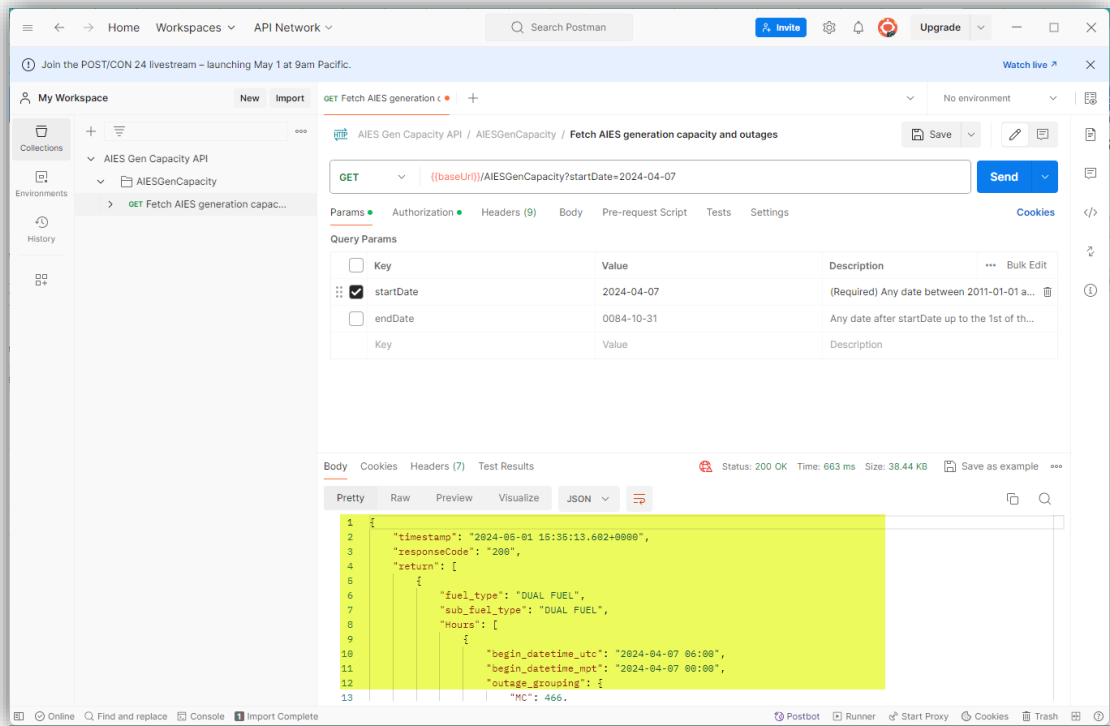
15. Enter the input parameters in the 'Params' tab and hit 'Send'.

Note: The screenshot is from the API tool – Postman.

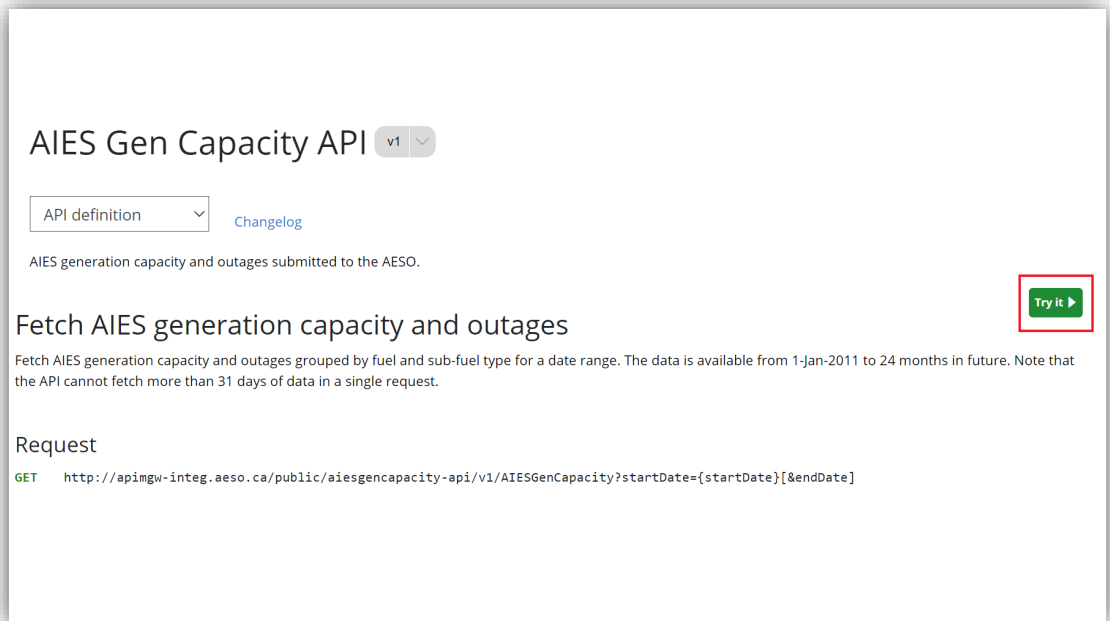


16. The API will fetch the data as shown below.

Note: The screenshot is from the API tool – Postman.



17. To invoke the API in the language of your choice, click 'Try it' button on the developer portal.



18. Select the request type from the drop-down menu.

The screenshot shows the 'AIES Gen Capacity API' interface. On the right, the 'Headers' section is expanded, showing 'Cache-Control' set to 'no-cache' and an 'API-KEY' field. Below this, the 'HTTP request' dropdown menu is open, displaying a list of request types: HTTP, Curl, C#, JavaScript, PHP, Python, Ruby, and Swift. The 'HTTP' option is currently selected. A 'Send' button is visible at the bottom right of the interface.

E.g. If you use Curl, select Curl and copy the command using 'Copy' button.

This screenshot shows the same API client interface, but now 'Curl' is selected in the 'HTTP request' dropdown menu. The dropdown menu is open, and a 'Copy' button is visible next to the 'Curl' option. Below the dropdown, the generated curl command is displayed in a text area. The command is: `curl -v -X GET "https://apimgw-integ.aeso.ca/public/aiesgencapacity-api/v1/AIESGenCapacity?startDate={startDate}" -H "Cache-Control: no-cache" -H "API-KEY:"`. A 'Reveal secrets' button is also present next to the command.