Steps to access APIs on APIM API Gateway
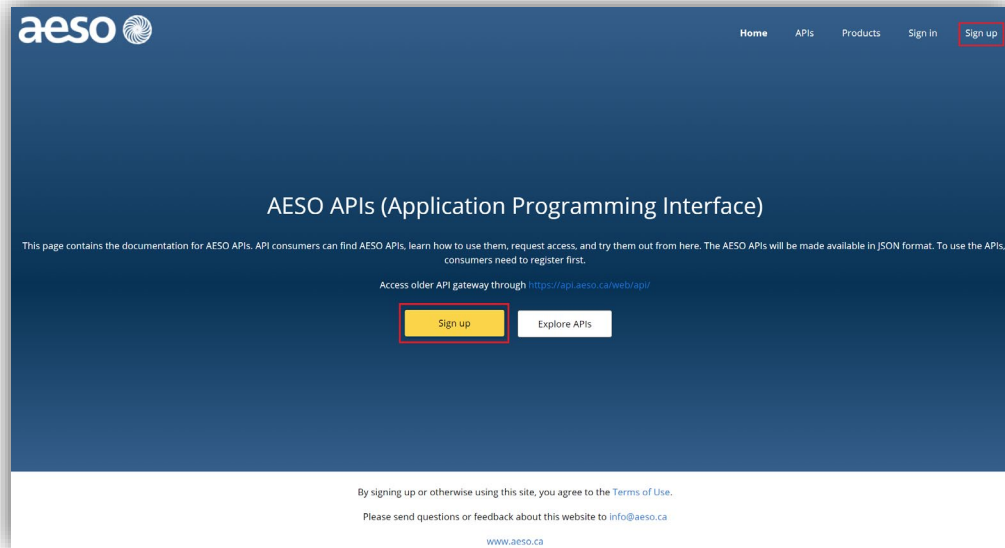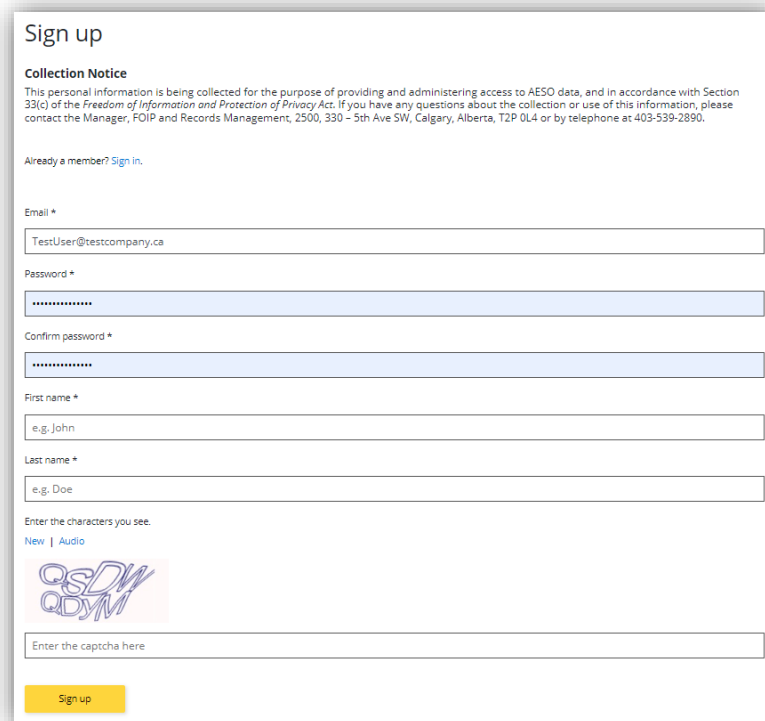
1. Go to [AESO APIs homepage](#) to sign up.

2. Sign up using your preferred email.

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www.aeso.ca

🐦 @theaeso

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.

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

6. Select the API Product.

7. Subscribe to an API group:

   i. Provide a name for your subscription.

   ii. Agree to terms of use.

   iii. Click '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.
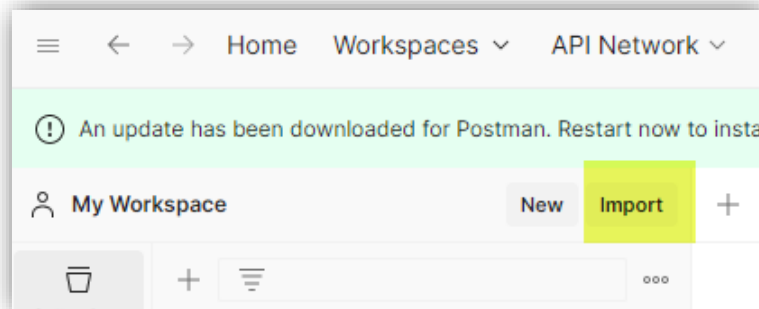

9. You can now start accessing the APIs using the keys provided.
10. Note – In rare scenarios, if a product is dropped and recreated, then the user will need to regenerate their key to access the APIs again. The user will get 'Invalid Key' error if they continue to use the old key.

11. 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.
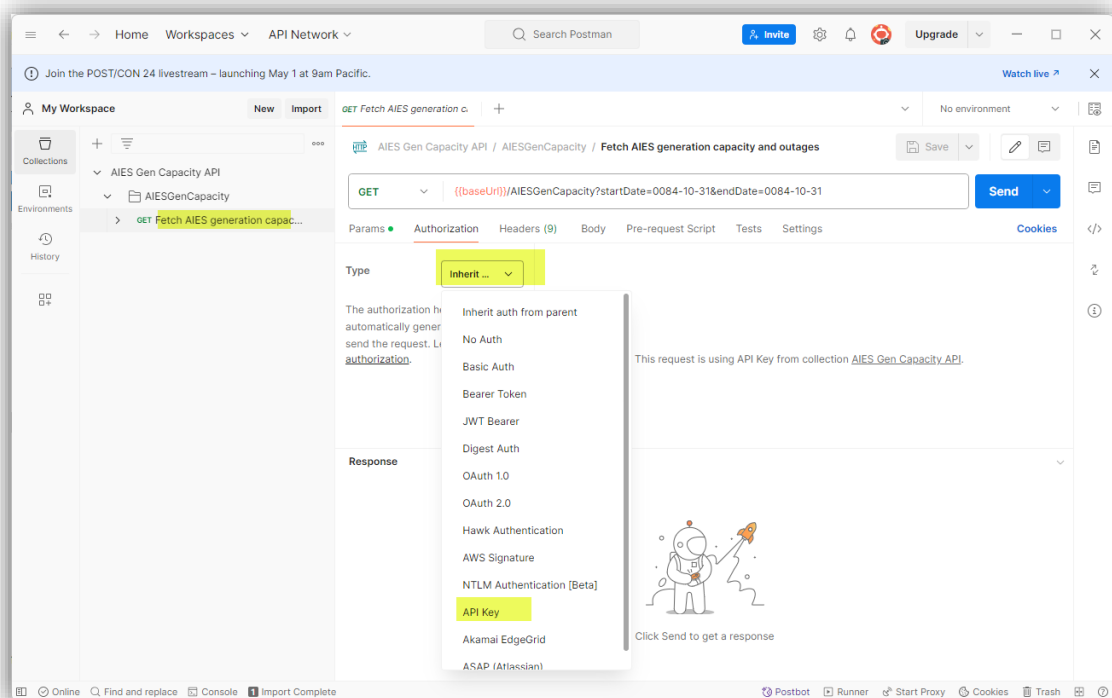

12. Import the downloaded 'Open API 3' definition file into your API Tool.
Note: The screenshot is from the API tool – Postman.

13. Select the API > GET API and go to the 'Authorization' tab and select the 'Type' = API-KEY, from the drop-down menu.
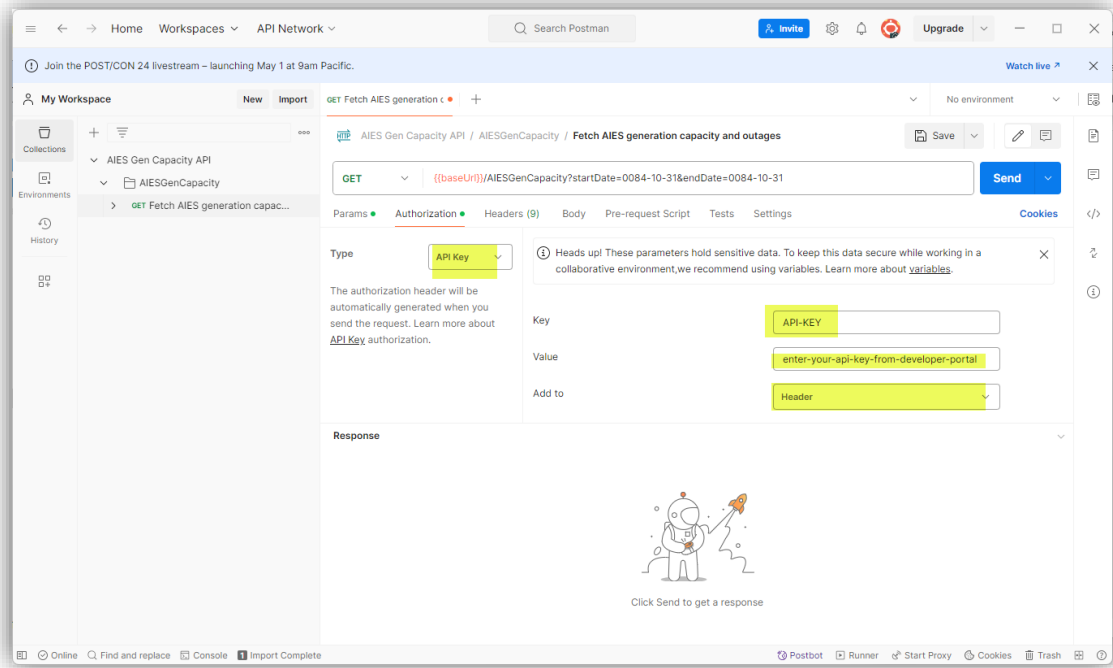*Note: The screenshot is from the API tool – Postman.*
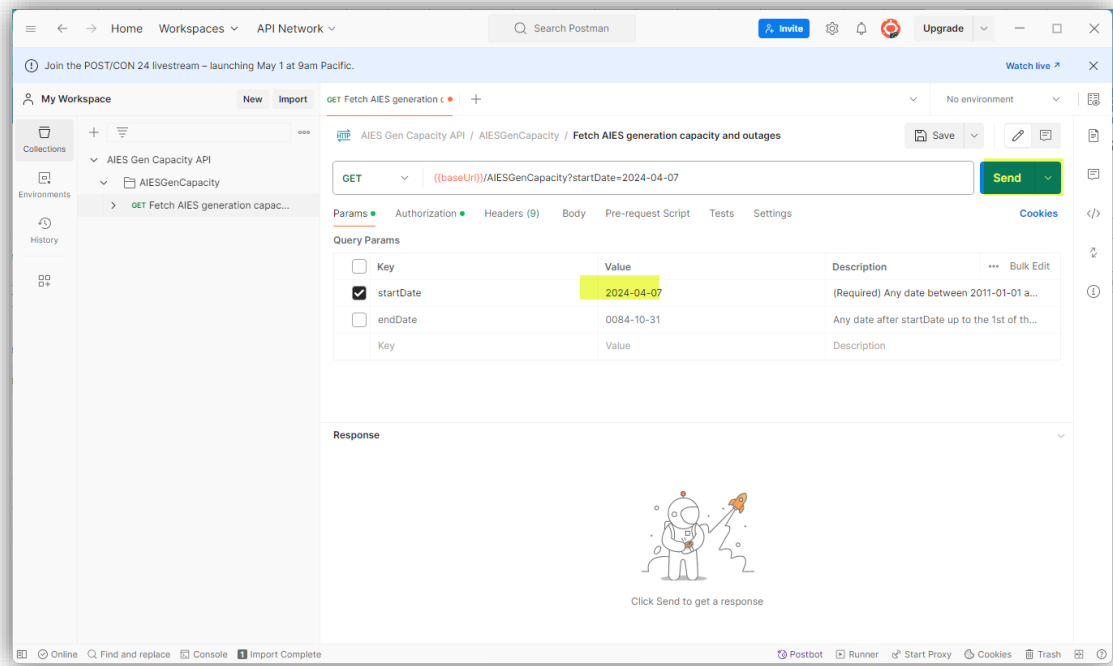
14. On the 'Authorization' tab
    I.   Enter 'API-KEY' into the 'Key' field, and
    II.   Enter the primary key from profile page of developer portal into the 'Value' field.
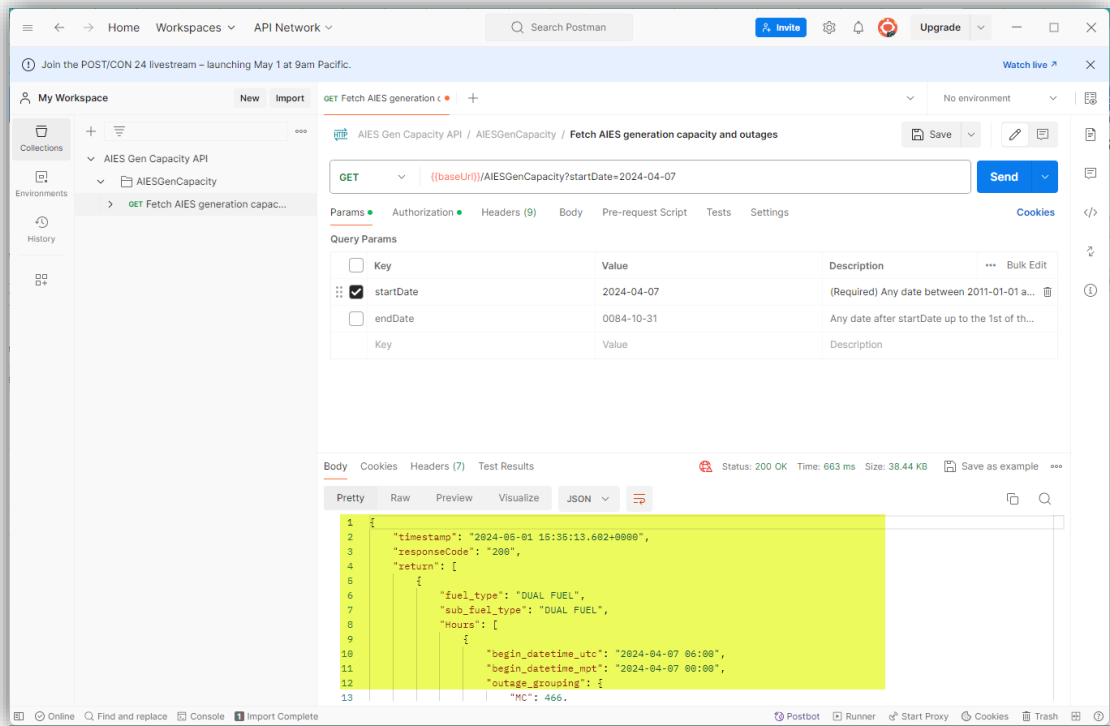
    Note: The screenshot is from the API tool – Postman.

15. Enter the input parameters in the 'Params' tab and hit 'Send'.
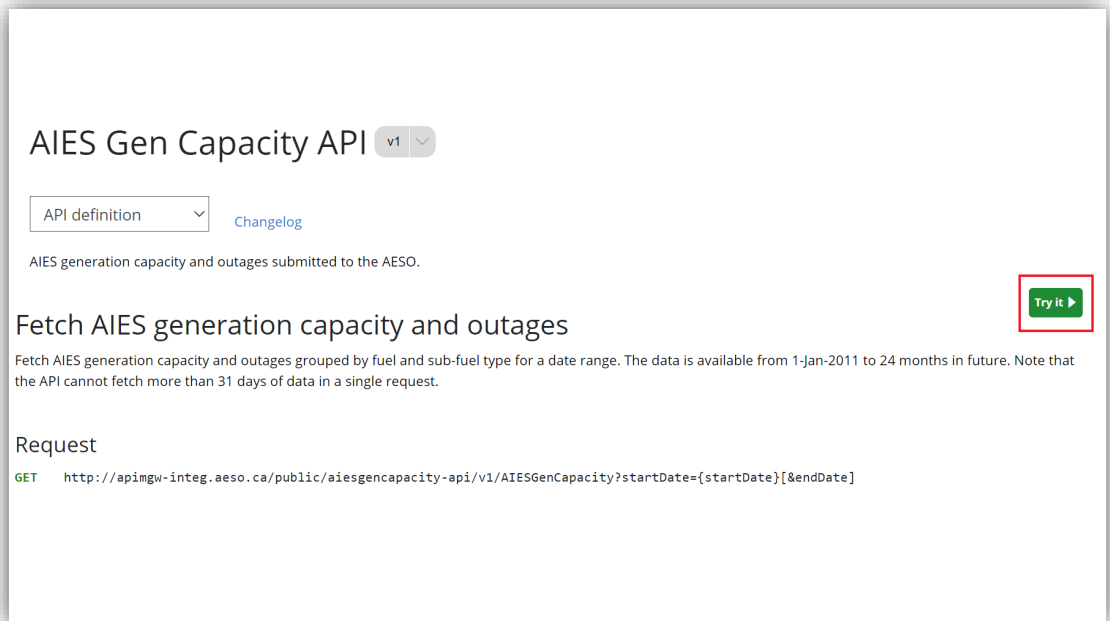   *Note: The screenshot is from the API tool – Postman.*

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.

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