

## Introduction

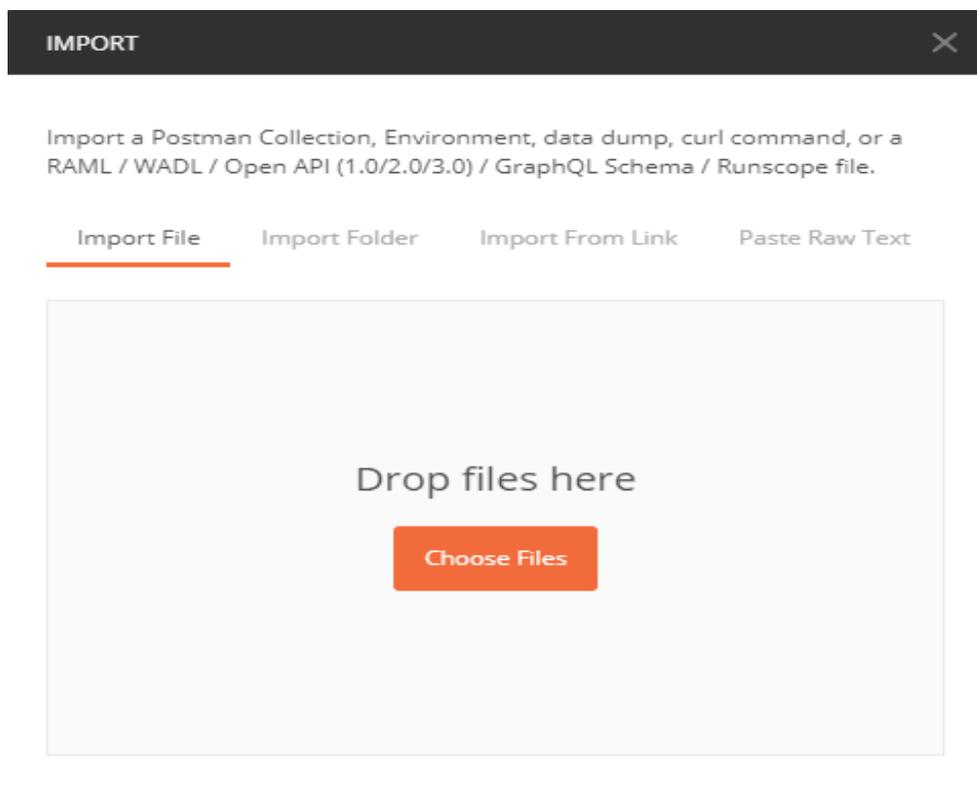
1. These instructions are written for Postman, but the information applied to other applications.
2. The postman client is only being used as an example. The API can be consumed using any client. This document provides all the endpoints, and the inputs that are needed to successfully consume the API.
3. Download and install Postman (<https://www.postman.com/downloads/>)



FERC-XBRL.PROD\_p  
ostman\_collection.js

## Step 1 Import the Postman json collection file (attached above).

- Open Postman
- File -> Import -> Import File



- This should load our API collection 'FERC-XBRL'

## Step 2 Expand the FERC-XBRL Folder From Collections

The screenshot shows the Postman interface. On the left, a folder named 'FERC-XBRL' is expanded, showing two requests: 'POST API Token - PROD' and 'POST External Filing - PROD'. A large blue arrow points to the 'API Token - PROD' request. On the right, the 'Body' tab is selected, showing a form with three fields: 'username', 'password', and 'grant\_type', each with a checked checkbox. Below the form is a 'Key' field and a 'Response' section.

- We would be using “API Token – PROD” and “External Filing – PROD” requests.
- First step would be to get an API Token. The request headers are preloaded. However, while making this request to the server to procure API token, authentication needs to occur on the server. Therefore, go to request ‘Body’ (as shown below) and enter the username in the ‘username’ field and password in the ‘password’ field.

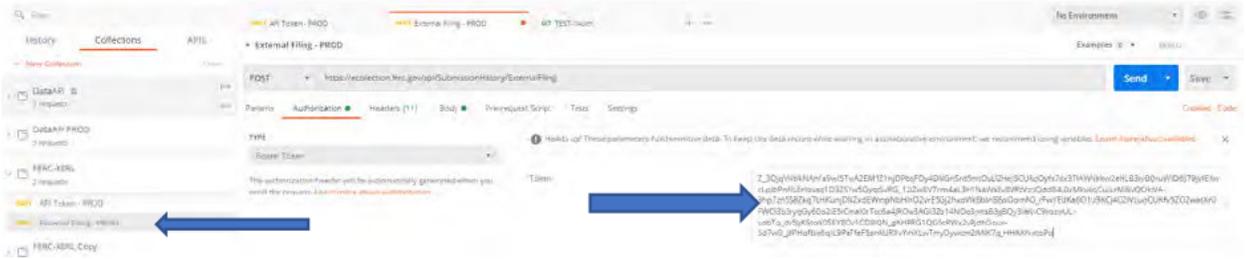
The screenshot shows the 'Body' tab for the 'API Token - PROD' request. The form fields are: 'username' (value: <file>username@company.com), 'password' (value: <file>password), 'grant\_type' (value: password), and 'role' (value: filer). The 'grant\_type' and 'role' fields are checked. The 'Description' column shows: 'Email address of the filer. Filer should be eligible to submit for the company.', 'Password of the filer.', 'Please do not change. This value must remain "password"', and 'The filer.'

- The grant\_type stays as-is. No change required here.
- The role stays as-is. No change required
- After clicking ‘Send’ on the request, Postman should receive a token back (as shown below). Copy the token to clipboard because it will be used in the submission request.

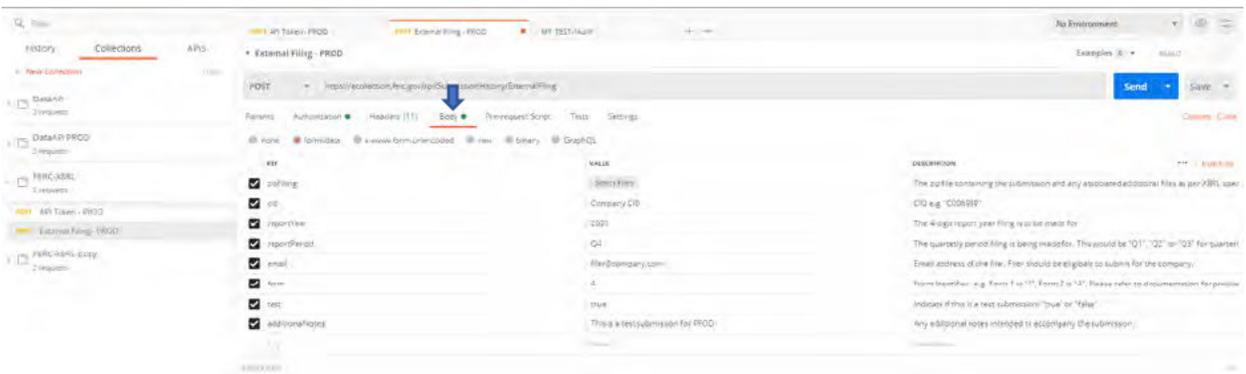
The screenshot shows the 'Body' tab for the 'API Token - PROD' request. The response is displayed in JSON format: {"access\_token": "772e15d0a131f8899x0u01c1j211x0w0f2n1-gL\_L3d4t1109c+-4Qc5v02Xa9cKx3d7s6uo7VZM0q#1BtAlS11Fad1Qw4pXia-104q+rt0\_6Tj18Fu0\_0455Scv0ok\_VjzQjms11Fr0IT\_Bq-SsUjB0qF1vEi00VWV3Cm0G3PAILug\_1011t0104L1H210mCYc12L-10Vw2003\_aFikUfRpetN0219up5-ubg71-\_WA7Y1sc1y5j-humY4HJ0eEB0m0g8P934c1HAT000U1Ev:0G03e0C2W130den2dLdbvVd05xL51c0w0Fmg6J7TQ00V05\_b0r0UjVEEK04Pys1aP0eN0m0C0M0V0v0u1G1RpyBq0ouL0T", "token\_type": "bearer", "expires\_in": 3600}"

### Step 3 Go to the – “External Filing – PROD” from the left side menu

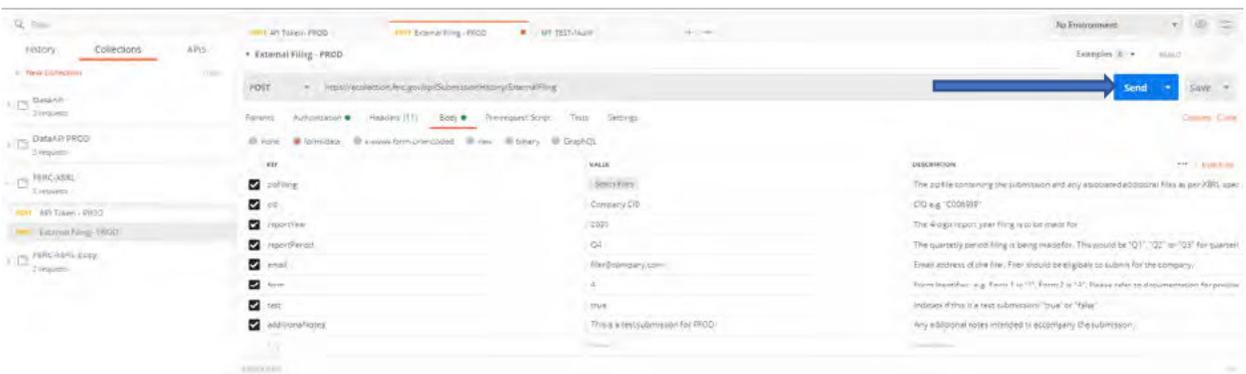
- Open the submission request – ‘External Filing - PROD’. The POST request should be pre-filled with headers.
- Navigate to ‘Authorization’ tab. Type dropdown should be pre-selected with option ‘Bearer Token’. Input the copied token as shown below.



- Now navigate to the ‘Body’ tab of this request. Fill the required details corresponding to the intended submission.



- DO NOT change the parameter names in the ‘KEY’ field. Only values need to be updated according to the filing. After the request body is populated, ‘SEND’ and wait for the response. Due to validations, this response might take some time to be returned from the server.



- While entering 'Form', it must be numeric. Use the below mapping:  
Form 1: 1  
Form 1F: 2  
Form 3Q Electric: 3  
Form 2: 4  
Form 2A: 5  
Form 3Q Natural Gas: 6  
Form 6: 7  
Form 6Q: 8  
Form 60: 9  
Form 714: 10
- The XBRL and additional files required for this filing must be zipped in a .zip file. The 'zipFiling' parameter would not accept any other file extensions.