

MIPI WTR API Calling Sample File

1) GMRS API Calling through PostMan tool

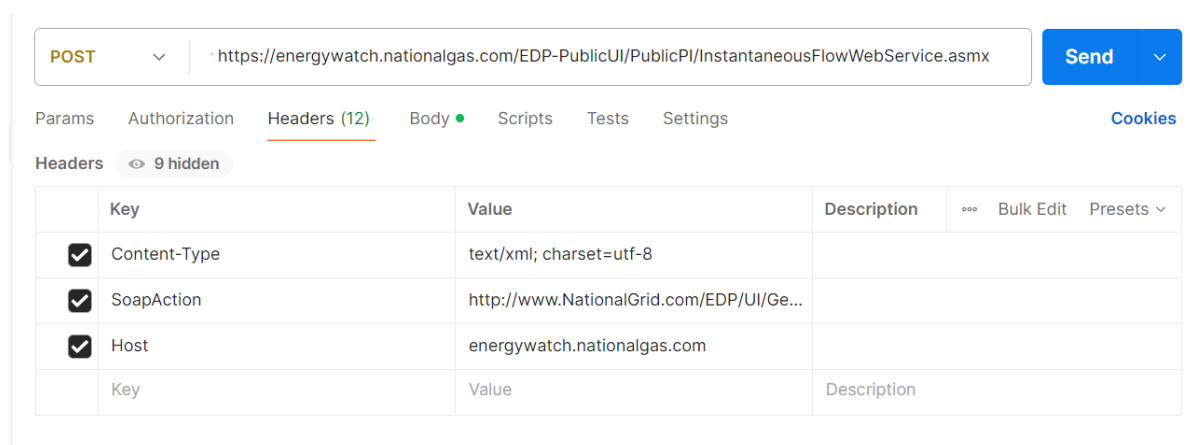
URL: <http://energywatch.nationalgas.com/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx>

Headers: - Below parameter need to pass in header of API request

SOAPAction: <http://www.NationalGrid.com/EDP/UI/GetInstantaneousFlowData>

Host: energywatch.nationalgas.com

Content-Type : text/xml; charset=utf-8



POST <https://energywatch.nationalgas.com/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx> Send

Params Authorization Headers (12) Body Scripts Tests Settings Cookies

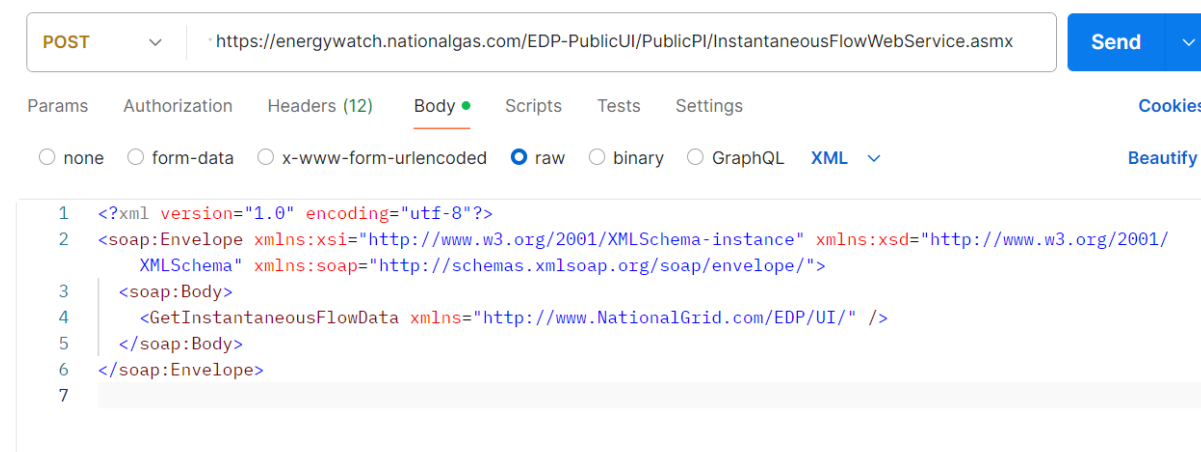
Headers 9 hidden

	Key	Value	Description	...	Bulk Edit	Presets
☒	Content-Type	text/xml; charset=utf-8				
☒	SoapAction	http://www.NationalGrid.com/EDP/UI/Ge...				
☒	Host	energywatch.nationalgas.com				
	Key	Value	Description			

API Request Body

```
<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetInstantaneousFlowData xmlns="http://www.NationalGrid.com/EDP/UI/" />
  </soap:Body>
</soap:Envelope>
```



POST <https://energywatch.nationalgas.com/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx> Send

Params Authorization Headers (12) Body Scripts Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL XML

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/
  XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
3   <soap:Body>
4     <GetInstantaneousFlowData xmlns="http://www.NationalGrid.com/EDP/UI/" />
5   </soap:Body>
6 </soap:Envelope>
7
```

API Response

POST

<https://energywatch.nationalgas.com/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx>

Send

Params

Authorization

Headers (12)

Body

Scripts

Tests

Settings

Cookies

Beautify

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

XML

XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

3 <soap:Body>

4 <GetInstantaneousFlowData xmlns="http://www.NationalGrid.com/EDP/UI/" />

5 </soap:Body>

Body

Cookies (2)

Headers (16)

Test Results

200 OK

1431 ms

5.18 KB

🌐

📄

⋮

Pretty

Raw

Preview

Visualize

XML

🔍

1 <?xml version="1.0" encoding="utf-8"?>

2 <soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

3 <soap:Body>

4 <GetInstantaneousFlowDataResponse xmlns="http://www.NationalGrid.com/EDP/UI/">

5 <GetInstantaneousFlowDataResult>

6 <ReportName xmlns="http://www.NationalGrid.com/EDP/BusinessEntities/Public">Instantaneous

7 Flow Report</ReportName>

8 <PublishedTime xmlns="http://www.NationalGrid.com/EDP/BusinessEntities/Public">2024-11-29T15:11:17</PublishedTime>

9 <EDPReportPage xmlns="http://www.NationalGrid.com/EDP/BusinessEntities/Public">

<PageName>page1</PageName>

🔌 Postbot

🏃 Runner

🌐 Start Proxy

🍪 Cookies

🏠 Vault

🗑️ Trash

2) Pull API Calling through PostMan tool

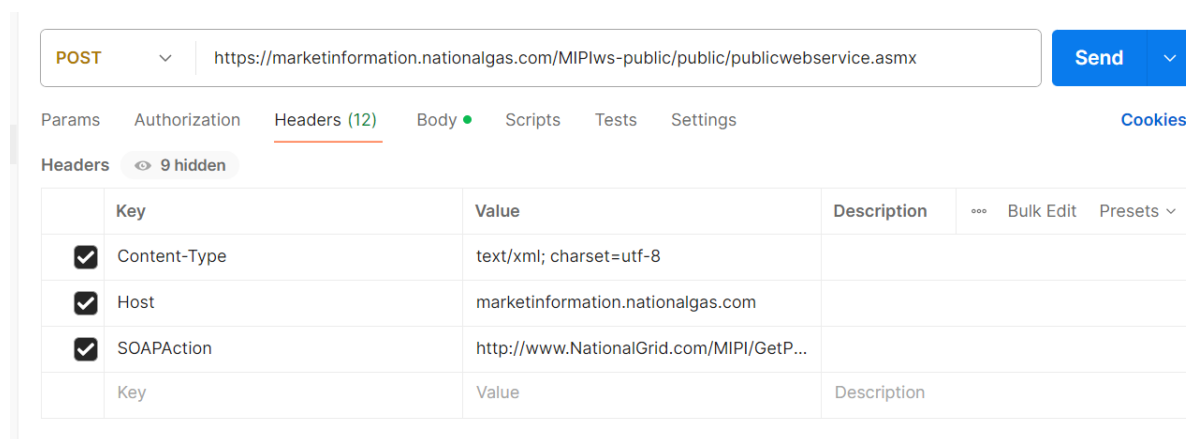
URL: <https://marketinformation.nationalgas.com/MIPIws-public/public/publicwebservice.asmx>

Headers: - Below parameter need to pass in header of API request

SOAPAction: <http://www.NationalGrid.com/MIPI/GetPublicationDataWM>

Host: marketinformation.nationalgas.com

Content-Type : text/xml; charset=utf-8



API Request

```
<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <GetPublicationDataWM xmlns="http://www.NationalGrid.com/MIPI/">
      <reqObject>
        <LatestFlag>Y</LatestFlag>
        <ApplicableForFlag>Y</ApplicableForFlag>
        <ToDate>2024-11-11T00:00:00</ToDate>
        <FromDate>2022-11-09T00:00:00</FromDate>
        <DateType>GASDAY</DateType>
        <PublicationObjectNameList>
          <string>Composite Weather Variable - Normal</string>
        </PublicationObjectNameList>
      </reqObject>
    </GetPublicationDataWM>
  </soap:Body>
</soap:Envelope>
```

POST

https://marketinformation.nationalgas.com/MIPlws-public/public/publicwebservice.asmx

Send

Params

Authorization

Headers (12)

Body

Scripts

Tests

Settings

Cookies

☐ none
☐ form-data
☐ x-www-form-urlencoded
☒ raw
☐ binary
☐ GraphQL
☒ XML

Beautify

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/
   XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
3    <soap:Body>
4      <GetPublicationDataWM xmlns="http://www.NationalGrid.com/MIPI/">
5        <reqObject>
6          <LatestFlag>Y</LatestFlag>
7          <ApplicableForFlag>Y</ApplicableForFlag>
8          <ToDate>2024-11-11T00:00:00</ToDate>
9          <FromDate>2022-11-09T00:00:00</FromDate>

```

Value should be 'Y' or 'N' but not Blank and parameter should not be removed

POST

https://marketinformation.nationalgas.com/MIPlws-public/public/publicwebservice.asmx

Send

Params

Authorization

Headers (12)

Body

Scripts

Tests

Settings

Cookies

☐ none
☐ form-data
☐ x-www-form-urlencoded
☒ raw
☐ binary
☐ GraphQL
☒ XML

Beautify

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/
   XMLSchema" xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
3    <soap:Body>
4      <GetPublicationDataWM xmlns="http://www.NationalGrid.com/MIPI/">
5        <reqObject>
6          <LatestFlag>Y</LatestFlag>
7          <ApplicableForFlag>Y</ApplicableForFlag>
8          <ToDate>2024-11-11T00:00:00</ToDate>
9          <FromDate>2022-11-09T00:00:00</FromDate>
10         <DateType>GASDAY</DateType>
11         <PublicationObjectNameList>
12           <string>Composite Weather Variable - Normal</string>
13         </PublicationObjectNameList>
14       </reqObject>
15     </GetPublicationDataWM>
16   </soap:Body>
17 </soap:Envelope>

```

API Response

POST

<https://marketinformation.nationalgas.com/MIPIws-public/public/publicwebservice.asmx>

Send

Params

Authorization

Headers (12)

Body

Scripts

Tests

Settings

Cookies

☐ none
 ☐ form-data
 ☐ x-www-form-urlencoded
 ☒ raw
 ☐ binary
 ☐ GraphQL

XML

Beautify

1

<?xml version="1.0" encoding="utf-8"?>

Body

Cookies (2)

Headers (19)

Test Results

200 OK • 1516 ms • 1.45 KB •

Pretty

Raw

Preview

Visualize

XML

1

<?xml version="1.0" encoding="utf-8"?>

2

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

3

<soap:Body>

4

<GetPublicationDataWMResponse xmlns="http://www.NationalGrid.com/MIPI/">

5

<GetPublicationDataWMResult>

6

<CLSMIPIPublicationObjectBE>

7

<PublicationObjectName>Composite Weather Variable - Normal</PublicationObjectName>

8

<PublicationObjectData>

9

<CLSPublicationObjectDataBE>

10

<ApplicableAt>2023-10-03T10:02:16Z</ApplicableAt>

11

<ApplicableFor>2023-10-01T00:00:00Z</ApplicableFor>

12

<Value>12.73</Value>

13

<GeneratedTimeStamp>2023-10-03T10:02:17Z</GeneratedTimeStamp>

14

<QualityIndicator></QualityIndicator>

Postbot

Runner

Start Proxy

Cookies

Vault

Trash