



**national  
gas**

# **Technical Guide**

**Gas Data Portal SOAP API change**

# Gas Data Portal SOAP API change Technical Guide

## Introduction

As part of our ongoing separation from National Grid, we are in the process of moving our technology from the National Grid domain to the new National Gas domain. This transition will not impact the day-to-day functionality of the portal or any of the data it contains, and you will continue to be able to use the portal as usual throughout.

However, it does mean that the SOAP API URL will change, and this may impact those of you who rely on the SOAP API URL for coding and reporting purposes. To support this transition, we have prepared this technical guide.

## Contents

This guide provides the new SOAP API URL domain instructions for two areas of use:

- **Category 1 – URL only changes** for those who use the URL only
- **Category 2 – URL and Host combination changes** for those who use the URL and pass the optional HOST header

## When will this change happen

Existing SOAP API URLs will be run in tandem with our new URLs from mid-December to the end of January, to support end users with this transition. We plan to make a complete switch to the new URLs from 01 February 2025.

## Further support

If you experience any difficulties, please reach out to a member of the team on [Box.OperationalLiaison@nationalgas.com](mailto:Box.OperationalLiaison@nationalgas.com).

You will find a copy of this guide and an explanatory video on the SOAP API section of the portal, here: <https://data.nationalgas.com/apis/data-items>

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## Category 1: URL-Only Changes

You will need to replace the existing Data Portal SOAP API URL with the new URLs below. There should be no further actions required on your part.

### Existing URLs:

- <https://marketinformation.natgrid.co.uk/MIPIws-public/public/publicwebservice.asmx>
- <https://energywatch.natgrid.co.uk/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx>

### Please replace with:

- <https://marketinformation.nationalgas.com/MIPIws-public/public/publicwebservice.asmx>
- <https://energywatch.nationalgas.com/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx>

## Category 2: URL and Host Combination Changes

If you are passing the optional Host header, you will need to replace existing Host URLs with the new URLs below. There should be no further actions required on your part.

### For the Market Information API

#### Existing:

- **URL:** <https://marketinformation.natgrid.co.uk/MIPIws-public/public/publicwebservice.asmx>
- **Host:** marketinformation.natgrid.co.uk

#### Please replace with:

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

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## For the Energy Watch API

### Existing:

- **URL:** <https://energywatch.natgrid.co.uk/EDP-PublicUI/PublicPI/InstantaneousFlowWebService.asmx>
- **Host:** energywatch.natgrid.co.uk

### Please replace with:

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

This should now complete the process of updating SOAP API URLs from National Grid to National Gas.

## Further support

If you experience any difficulties, please reach out to a member of the team on [Box.OperationalLiaison@nationalgas.com](mailto:Box.OperationalLiaison@nationalgas.com).

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## Frequently asked questions

**Question:** If I am using a python script to pull data from the SOAP request, will this work if I simply change the URL?

**Answer:** Yes, it will be same. You will only need to update URL and host in your code.

**Question:** Is there any change in functionality or new functionality provided by the updated API?

**Answer:** There are no further changes to how the API works, just a change in the URL.