

GX0010519: ALKALINE ELECTROLYSIS HYDROGEN EXCLUDING CAPEX UK

INDEX DESCRIPTION

This index is a notional price reference for Electrolysis (Alkaline) hydrogen in the UK, calculated utilising exchange-based electricity prices, as well as cost assumptions for other inputs into the hydrogen production process. This index excludes any associated capital expenditures.

INDEX DETAILS

Start date 03-Nov-2021

Commodity Hydrogen

Frequency Daily

CCY / UOM USD / KG

Precision 2 decimal places

Periods 12,Month

Data types Index

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Pricing basis Flat
Delivery basis Null
Trading hub NWE

Timezone Europe/London
Holiday calendar Holidays_GX_Europe

INDEX QUALITY SPECIFICATION

This index reflects the production cost of electrolysis hydrogen, based on alkaline production technology (excl. CAPEX).

CRITERIA FOR INCLUSION

Index calculation inputs comprise:

- UK base electricity pricing
- FX rate (EUR/USD and EUR/GBP)

The following are all quarterly updated variables:

- Costs and volume assumptions for nitrogen and demineralised water
- Conversion energy, compression power and plant power cost assumptions
- Operating & maintenance assumptions

Forward curve inputs: forward power prices

ASSESSMENT TIMES

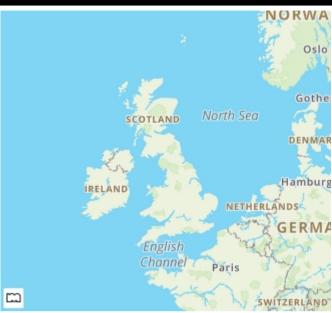
TIME DETAILS1700 London Close

CALCULATION APPROACH

See flowchart on next page.

TRADE DATA APPROACH	Y/N
Priority to reported and concluded transactions	Ν
Sole-sourced data from trading principals accepted	Ν
Inter-affiliate data accepted as valid	Ν

LOCATION



FACTSHEET INFORMATION

Factsheet version 1
Factsheet valid from 03-Nov-2021
Factsheet valid to (ongoing)
Factsheet review at 2024-01-12



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