

**GX0010507: ALKALINE ELECTROLYSIS HYDROGEN AUSTRIA****INDEX DESCRIPTION**

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

INDEX DETAILS

| | |
|------------------|--------------------|
| Start date | 18-Nov-2022 |
| Commodity | Hydrogen |
| Frequency | Daily |
| CCY / UOM | USD / KG |
| Precision | 2 decimal places |
| Periods | 12,Month |
| Data types | Index |
| Pricing basis | Flat |
| Delivery basis | ExWorks |
| 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.

CRITERIA FOR INCLUSION

Index calculation inputs comprise:

- Austrian base electricity pricing
- FX rate (EUR/USD)

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
- Capital recovery, fixed costs, and operating and maintenance cost assumptions

Forward curve inputs: forward power prices

ASSESSMENT TIMES

| TIME | DETAILS |
|------|--------------|
| 1700 | London Close |

CALCULATION APPROACH

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

See flowchart on next page.

LOCATION**FACTSHEET INFORMATION**

| | |
|----------------------|-------------|
| Factsheet version | 1 |
| Factsheet valid from | 18-Nov-2022 |
| Factsheet valid to | (ongoing) |
| Factsheet review at | 2024-01-12 |



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