Index Methodology Factsheet

GX0014268: EMETHANOL CHINA PRODUCTION COST EXCLUDING CAPEX

INDEX DESCRIPTION

This index represents the monthly production price of eMethanol (renewable methanol) in China. The index is published for a month ahead on the last day of the current month. The price is modelled based on a production capacity of 110,000 MT/year of eMethanol, utilising alkaline-based green hydrogen and carbon dioxide captured from the steel industry. This index excludes any associated capital expenditures.

INDEX DETAILS

Start date	2022-07-29
Commodity	Methanol
Frequency	Monthly
CCY / UOM	USD / MT
Increment	0.25
Periods	1,Month
Data types	Index
Pricing basis	Flat
Delivery basis	Ex Works
Trading hub	East Asia
Timezone	Asia/Singapore
Holiday calendar	Holidays_GX_Singapore

INDEX QUALITY SPECIFICATION

The index is reflective of eMethanol with a minimum purity of 99.85%, maximum water content of 0.1wt% and a maximum ethanol content of 50mg/kg.

CRITERIA FOR INCLUSION

Index calculation inputs comprise:
1. Variable Costs:
- M+1 China electricity spot price
- D-1 FX rate: EUR:USD and EUR:CNY

2. Fixed Costs and Assumptions:
- CAPEX, TPEC, Financials and OPEX costs for renewables refinery production in China
- Carbon Dioxide price based on carbon capture cost per MT

The final cost-based price does not include a margin.

ASSESSMENT TIMES

TIME	DETAILS
1630	Singapore Close

CALCULATION APPROACH

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

LOCATION



FACTSHEET INFORMATION

Factsheet version	1.0
Factsheet valid from	2022-07-29
Factsheet valid to	(ongoing)

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