2023 DAILY INFORMATION BULLETIN - http://www.cmegroup.com/dailybulletin

CMG Group, Inc.
20 South Wacker Drive, Chicago, Illinois 60606-7499.
Customer Service: (312) 930-1000

PRELIMINARY

EXCHANGE SUMMARIES: VOLUME AND OPEN INTEREST TOTALS

<table>
<thead>
<tr>
<th>Exchange</th>
<th>Open Interest</th>
<th>Volume</th>
<th>Daily Turnover</th>
<th>Daily Value</th>
</tr>
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<tbody>
<tr>
<td>NYMEX</td>
<td>1,234,567</td>
<td>8,901,234</td>
<td>5,678,901</td>
<td>123,456</td>
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<td>6,543,210</td>
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<td>1,234,567</td>
<td>8,901,234</td>
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<td>123,456</td>
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</table>

**Core Energy Futures**

- **Crude Oil Futures**
  - WTI
  - Brent

- **Natural Gas Futures**
  - Henry Hub
  - LNG

**Fuel Oils Futures**

- **Crude Oil Futures**
  - WTI
  - Brent

**Natural Gas Futures**

- Henry Hub
- LNG

**Exotic Futures**

- **Crude Oil Futures**
  - WTI
  - Brent

**Options**

- **Exchange-Traded Options**
  - Call Options
  - Put Options

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Futures**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Physical Contracts**

- **Crude Oil Futures**
  - WTI
  - Brent

**Natural Gas Futures**

- Henry Hub
- LNG

**Fuel Oils Futures**

- **Crude Oil Futures**
  - WTI
  - Brent

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Futures**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Physical Contracts**

- **Crude Oil Futures**
  - WTI
  - Brent

**Natural Gas Futures**

- Henry Hub
- LNG

**Fuel Oils Futures**

- **Crude Oil Futures**
  - WTI
  - Brent

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Futures**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Futures**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Options**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT

**Volume and Open Interest**

- **Exchange**
  - NYMEX
  - COMEX
  - CBOT
### Exchange Summary Volume and Open Interest Energy Futures

#### Preliminary

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<tr>
<th>Global</th>
<th>Open Delivery</th>
<th>PNT Volume</th>
<th>Volume</th>
<th>Overall Combined</th>
<th>Open Interests &amp; Change</th>
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#### Note:
- The information contained in the report is compiled for the convenience of the user and is furnished without responsibility for accuracy or completeness. Adjustments, options exercises, positions in delivery, or positions in a cash settlement cycle; Globex volume includes side-by-side activity.
- Records or records (both before and after the last day of trading) may be affected by: cash for futures, spreads, price days, cleared trades (short trades), position adjustments, and other executed positions in delivery. Positions in a cash settlement cycle; Globex volume includes side-by-side activity. Previous volume or interest may be adjusted by CME Group. It is accepted by the user on the condition that errors or omissions shall not be made the basis for any claim, demand, or cause for action.
## Exchange Summary Volume and Open Interest Energy Futures

**Friday, November 24, 2023**

### EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

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<th>Product</th>
<th>Volume</th>
<th>Open Interest</th>
<th>Volume</th>
<th>Open Interest</th>
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<td>OPEN INTEREST &amp; CHGE</td>
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### Expiration Dates

- **Dec 22**
- **Dec 23**
- **Dec 24**

### Energy Futures

#### ETHANE ENERGY FUTURES

- **C3**
  - Chicago Ethanol
    - 230
  - Ethanol (PL) T 2 for RTRDM Incl.
    - 1351

#### ELECTRICITY ENERGY FUTURES

- **V0**
  - AEP-Dayton Hub Daily
  - German Power Baseload Cal Month Fut
  - New York Hub Zone G Peak Daily
- **RN**
  - NYISO Zone G SW D OH Pk
- **C3**
  - PJM Ad HUB $/MWh Real Time D Pk
  - PJM Ad HUB $/MWh Real Time PK
  - PJM AEP Dayton Hub RT DP Daily
  - PJM Daily
  - WOR PJM Western Hub RT DP Daily
- **N3**
  - PJM Western RT Off-Peak
  - PJM Western RT Peak

### COAL ENERGY FUTURES

- **MCAL COAL API2 CIF ARA ARG-MCCLOSKY**
  - 36
  - 6115
- **MCAL COAL API4 RCH BAY ARGOS MCCLOSKY SW**
  - 36
  - 44

### EMISSIONS ENERGY FUTURES

- C0**
  - CBL CRE GLBL EMI OFST (C-GEO) FUT 6 + 2
  - CBL Global Emissions Offset Futures 111 + 23
  - CBL Nature-Based Global Emissions Offset Futures 246 + 4

### FREIGHT ENERGY FUTURES

- **C05**
  - Container Freight (FCX/18) Baltic FUT
  - Freight Rate Liquidated Petroleum G
  - Freight Rate Liquefied Petroleum Gas
  - Freight Rate TC43 (Baltic) Futures
  - Freight Rate TDC5 (Baltic) Futures
  - LNG Freight Rate Black & White (LNG Fuel)
  - TC2 Rotterdam to USAC 376 MT
  - TC2 Ras Tanura to Yokohama 55k MT
  - TCN MSC to Japan 25m MT

**Volume and Open Interest "Records" shown for CBOT products, are comprised of volume and open interest data after the CBOT/CME merger on July 13, 2007. Volume and open interest "records" shown for NYMEX and COMEX products, are comprised of volume and open interest data after June 1, 2008. Volume or open interest (both before and after the last day of trading) may be affected by: cash for futures, spreads, price days, cleared trades (out-trade), position adjustments, options exercises, positions in delivery, or positions in a cash setoff cycle. GLOBEX volume includes side-by-side activity. Records volume or open interest (both before and after the last day of trading) may be affected by: cash for futures, spreads, price days, cleared trades (out-trade), position adjustments, options exercises, positions in delivery, or positions in a cash setoff cycle. The information contained in the report is compiled for the convenience of the user and is furnished without responsibility for accuracy or content. It is accepted by the user on the condition that errors or omissions shall not be the basis for any claim, demand, or cause for action. © Copyright CME Group Inc. All rights reserved.
## EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY FUTURES

### Friday, November 24, 2023

#### VOLUME AND OPEN INTEREST VOLUME AND OPEN INTEREST

<table>
<thead>
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<th>Commodity</th>
<th>Volume</th>
<th>Open Interest</th>
<th>Change</th>
</tr>
</thead>
<tbody>
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<td>2,000,000</td>
<td>1,200,000</td>
<td>300,000</td>
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<tr>
<td>Natural Gas (Henry Hub)</td>
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<td>2,400,000</td>
<td>500,000</td>
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<td>Gasoline (汽油)</td>
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<td>Heating Oil</td>
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<td>Coal (API)</td>
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<td>Nuclear Power</td>
<td>300,000</td>
<td>200,000</td>
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**Notes:**
- The above data is for the last trading day of the week.
- Volume and open interest data for all commodities are as of the last trading day of May 31, 2023.
- Volumes and open interest data are for the preceding week.

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**Disclaimer:**
- The information provided is for educational and research purposes only and should not be considered as a recommendation to invest.
- The data is subject to change and may be impacted by various factors including market conditions and regulatory changes.
EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY OPTIONS ON FUTURES

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PRELIMINARY

PG02C BULLETIN #2270 EXCHANGE SUMMARY VOLUME AND OPEN INTEREST ENERGY OPTIONS ON FUTURES Fri, Nov 24, 2023 PG02C


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Fri, Nov 24, 2023

PRELIMINARY