TP ICAP E&C OTF Fee Structures and Incentives

Applicable from 1 May 2023

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INTRODUCTION

1.1. General

The fees detailed in the rate card corresponds to:

- Execution fees for the transactions executed in the venue
- Trade registration fees for the transactions registered with the venue

The fees for name give up transactions payable by a Venue User will be calculated monthly in arrears and are payable upon presentation of an invoice. Matched principle business will be settled with a delivery versus payment basis. For further details on payment of fees please refer to the Tullett Prebon Terms of business on our website: TP ICAP E&C OTF | TP ICAP

Venue Users are responsible for the payment of any applicable taxes and charges of any public agency or authority, including without limitation any financial transactions tax or value added tax.

1.2. Execution Fees

Transactions arranged within the venue will be subject to an execution fee, as specified for the relevant product in the accompanying Appendix for each market segment of the Venue. Depending of the product, the execution fee can be either a commission invoiced at the end of the month or a spread included in the price of the transaction.

The Operator reserves the right to increase or decrease the standard rate or split an improved fill with the customers agreement depending on the liquidity of the instrument and market conditions at time of trade. Any variance from the standard rate card will be disclosed to the customer at time of trade and will be in accordance with the Operator's Order Handling and Best Execution Policy

1.3. Discounts/Incentives

If the execution fees incurred by a Venue User exceed the discount thresholds specified for the relevant Product, then the discounts shown shall be applied to the execution fees payable by the Venue User in the relevant month.

1.4. Co-Location

Operator has outsourced the hosting of its servers to Equinix UK. It is possible to obtain information about co-location of servers, with standardised rates, from Equinix UK. Please contact a relationship manager for more information.

ENERGY & COMMODITY DERIVATIVES - TECO

1.5. Tradable Instruments

Trading is permitted in the Energy & Commodity Derivatives Segment in the following Tradable Instruments:

| Traded Instruments | Parameters |
|--------------------------|------------|
| Soft Commodities Forward | |
| Soft Commodities Option | |
| Emissions Forward | |
| Emissions Option | |
| Oil Forward | |
| Coal Option Swap | |
| Power (ex-Irish) Forward | |
| Power (ex-Irish) Option | |
| Power (ex-Irish) Swap | |
| Irish Power Forward | |
| Gas Forward | |
| Gas Option | |
| LNG swapOption | |

Trading is permitted in the Energy & Commodity Derivatives Segment in the following types of Transactions (including Package Transactions):

| Transaction Types | Parameters (where applicable) |
|---------------------|-------------------------------|
| Outright | |
| EFP | |
| Spark Spread | |
| EFS | |
| Product Spreads | |
| Location Spreads | |
| Period Spreads | |
| Call vs Call Spread | |
| Put vs Put Spread | |

1.6. TP - Oil

| Product | Instrument name | Rate | Note |
|--------------|--------------------------|-----------------------|-------------------------------------|
| Brent | CFD | 0.0035 USD per Barrel | Outright only |
| Brent | CFD roll | 0.0035 USD per Barrel | On both legs of the roll |
| Brent | DFL | 0.0035 USD per Barrel | Outright only |
| Brent | DFL roll | 0.0035 USD per Barrel | On both legs of the roll |
| Dubai | Dubai Swap | 0.0035 USD per Barrel | Outright or sell side of the spread |
| Brent, Dubai | Brent Dubai Differential | 0.0035 USD per Barrel | Outright or sell side of the spread |
| | swap | | |
| Brent, Dubai | Brent Dubai Spread | 0.0035 USD per Barrel | Outright or sell side of the spread |

1.7. TP - Options

| Product | EUA & CER | |
|----------------|-------------|--|
| Hub | All | |
| Trade Type | OTC Options | |
| Brokerage unit | EUR/MT | |
| Price Band | N/A | |
| Rate | 0.0025 | |

| Product | | Bloomberg Commodity Index Excess Return | | | |
|----------------|--------------|---|---------------|---------------|-----------|
| Trade Type | OTC Options | OTC Options | OTC Options | OTC Options | OTC Swaps |
| Brokerage unit | bp | bp | bp | bp | bp |
| Price Band | Band A | Band B | Band A | Band B | |
| | 3 months and | 3 months and | | | |
| Period | under | under | over 3 months | over 3 months | N/A |
| Rate | 1.75 | 2 | 1.75 | 3 | 1 |

Criteria

 - Minimum number of markets
 5 per day
 3 per day

 - Minimum volume size
 USD10 mn
 USD10 mn

 - Maximum spread
 3%
 2%

1.8. TP- Power

| Product | Power | Power | Power | Power |
|---------------------------------|---------|---------|-------------------|---------|
| Hub | Spain | Italy | Other Non C6 Hubs | Irish |
| Trade Type | Swap | Swap | Forward/ Swap | Swap |
| Brokerage unit | EUR/MWh | EUR/MWh | EUR/MWh | GBP/MWh |
| Threshold criteria | N/A | N/A | N/A | N/A |
| Threshold period | N/A | N/A | N/A | N/A |
| Threshold level (MWh) | N/A | N/A | N/A | N/A |
| Price Band | N/A | N/A | N/A | N/A |
| Minimum ticket | N/A | N/A | N/A | N/A |
| Spread rate (%age of full rate) | 50% | 50% | 50% | 50% |
| Screen initiator | 0.010 | 0.000 | 0.010 | 0.010 |
| Screen aggressor | 0.010 | 0.010 | 0.010 | 0.010 |
| Voice initiator | 0.010 | 0.010 | 0.010 | 0.010 |
| Voice aggressor | 0.010 | 0.010 | 0.010 | 0.010 |

Auctions - charged at 0.02 on the purchase leg only

1.9. TP- Soft Agricultural

| Product | Rate | Additional details |
|------------------------------|----------------|--|
| OTC CBOT Grains and Oilseeds | USD 10 per lot | No brokerage on delta |
| OTC ICE Softs | USD 10 per lot | Brokerage on one leg only |
| OTC Liffe Grains and Softs | USD 10 per lot | Brokerage determined by the furtherest tenor |
| Liquidity Swaps | USD 5 per lot | |

1.10. TP - LNG

| Product | Ссу | Volume Unit | Rate |
|----------------|-----|-------------|-------|
| LNG Financials | USD | MMBTU | 0.005 |

| | Effective | | |
|--|--------------------------|--------------------|--|
| Rate cards | date | Segment | Comments |
| Inflation swap - platform | 01/02/2018 | TEIR | Volume discount structure amended |
| EGB Paris | 19/02/2018 | TEPG | Rates amended |
| EGB Madrid | 19/02/2018 | TOMG | Rates amended |
| IRD - Euros | 19/02/2018 | TEIR, TEPI | <2Y modified into <=2Y for IRS and basis swaps |
| | | | · |
| IRD - GBP - platform | 26/02/2018 | TEIR, TEPI | Rates card for platform added |
| IRD- GBP- platform | 26/02/2018 | TEPI | Rate card removed on the Paris segment. (TEIR) |
| EGB Paris | 19/02/2018 | TEPG | Greece added |
| EGB Madrid | 19/02/2018 | TOMG | Greece added |
| IRD - all African currencies excl. ZAR | 05/03/2018 | TEIR, TEPI | IRS and CCY swaps rates added |
| FX - all African currencies excl. | 05/03/2018 | TEEV TEDV | Fude and NDE rates added |
| ZAR | | TEFX,TEPX | Fwds and NDF rates added |
| FX - RUB | 05/03/2018 | TEFX,TEPX TOMF, | NDF RUB rate added |
| Emerging market bonds | 05/03/2018 | TEPF | African Gvt bonds denominated in local currencies excl. ZAR added |
| Interest Rate Derivatives | 25/04/2018 | TEIR, TEPI | Update of the IRD rate for RON from 0.1 to 1 bp |
| Treasury FX (London) | 05/04/0040 | TEFX | MIC code was TPFX and was corrected to TEFX |
| EGB Paris EGB Madrid | 25/04/2018 25/04/2018 | TEPG TOMG | Updated rate card Updated rate card |
| Energy - Oil | 25/04/2018 | TECO | Oil Rate from 0.01 to 0.0035 |
| Energy - Gas | 25/04/2018 | TECO | Gas rate card removed |
| Energy - Power | 10/05/2018 | TECO | Swiss power removed |
| Energy - Softs | 23/05/2018 | TECO | Variance swaps added |
| IRO - platform trades | 02/07/2018 | TEIR | Change of the ZAR IRO platform rate card. |
| GEMM GILTS | 02/07/2018 | TEGI | Amended discount structure |
| GEMM GILTS | 01/08/2018 | TEGI | Amended discount structure |
| EM Corporate bonds | 01/08/2018 | TOMF, TEPF | Addition rate for Latam USD Quasi at 2 cts for voice and auction trades |
| Discount structure | 01/09/2018 | TEIR | The discount structures for the TEIR used to be at legal entity level and will move to parent company level. |
| GEMM GILT | 15/09/2018 | TEGI | Updated index linked rate card |
| IRO - EM currencies | 01/10/2018 | TEIR | EM rate cards - platform and voice - for IRO have been updated. |
| Money Market | 10/12/2018 | TEMM | Rate is now 3bps for the T Bills and Bonds, it used to be 1 bps. |
| GEMM GILT | 18/02/2019 | TEGI | Updated index linked rate card |
| GEMM GILT | 18/03/2019 | TEGI | Updated Gilt rate card |
| IRS and FX Fwds TRY | 01/04/2019 | TEIR | IRS and FX fwds TRY have been updated |
| Inflation platform - IOTA | 08/04/2019 | TEIR | A differentiated IOTA rate has been added to the inflation rate card |
| GEMM GILT | 40/00/0040 | TEGI | Precision on the discount structure methodology |
| GEMM GILT | 12/08/2019 | TEGI | Updated GILT rate card. |
| AUD IRS VM platform | 01/10/2019 | | Rate card – New VM platform |
| GEMM GILT | 03/02/2020 | TEGI | Updated rate cards and new discount structure |
| Inflation platform IRO Rate Cards | 01/07/2020 01/08/2020 | TEIR TEIR | Updated discount structure Updated rate card and discount structures for G10 IRO |
| GEMM GILT | 01/08/2020 | TEGI | Updated rate card |
| IRS platform trades GBP | 26/04/2021 | TEIR | Updated rate card |
| GEMM GILT | 01/08/2021 | TEGI | Updated rate card |
| EGB Madrid | 01/09/2021 | TOMG | Rate card has been removed |
| GEMM GILT | 01/06/2022 | TEGI | Updated rate card |
| GEMM Gilt Energy and Commodities | 01/10/2022 | TEGI, TECO | TECO and TEGI are remaining in this OTF |
| GEMM GILT | 01/01/2023 | TEGI | Updated discount structure |
| GEMM GILT | 01/05/2023 | TEGI | OTF rate card removed |
| Energy and Commodities | 01/05/2023 | TECO | Renaming of the OTF : TPICAP E&C OTF TP E&C rate card in TECO segment |