

ICE Futures Europe – Temporary Trading Times

(Last Update: February 2019)

(10 March 2019 – 29 March 2019, inclusive)

Changes in Trading Hours

IFEU ENERGY CONTRACTS

| Contract | Designated settlement periods | Trading Hours |
|---|--------------------------------------|--|
| ICE Brent Futures & Options ICE WTI Futures & Options ICE Permian WTI Futures ICE Heating Oil Futures & Options ICE RBOB Gasoline Futures & Options | 18:28-18:30 GMT 14:28-14:30 EDT | *00:00-22:00 GMT *20:00-***18:00 EDT |
| ICE LS Gasoil Futures & Options | 16:28-16:30 GMT 12:28-12:30 EDT | *00:00-22:00 GMT *20:00-***18:00 EDT |
| ICE Brent Futures Afternoon Minute Marker | 16:29-16:30 GMT 12:29-12:30 EDT | *00:00-16:30 GMT *20:00-***12:30 EDT |
| ICE LS Gasoil Futures U.S. Minute Marker | 18:29-18:30 GMT 14:29-14:30 EDT | *00:00-18:30 GMT *20:00-***14:30 EDT |
| ICE Singapore 'Asian' Markers (The calculation time remains 08:29-08:30 GMT after this period) | 08:29-08:30 GMT 04:29-04:30 EDT | *00:00-08:30 GMT *20:00-***04:30 EDT |
| ICE Natural Gas Futures & Options ICE UK Gregorian Base Load Electricity Futures ICE UK Gregorian Peak Load Electricity Futures | 16:00-16:15 GMT 12:00-12:15 EDT | 07:00-17:00 GMT 03:00-13:00 EDT |
| ICE UK Natural Gas 1 st Line (USD/MMBTu) ICE TTF Natural Gas 1 st Line (USD/MMBTu) | 16:00-16:15 GMT 12:00-12:15 EDT | *23:50-***22:00 GMT *19:50-***18:00 EDT |
| ICE Rotterdam Coal Futures & Options ICE Richards Bay Coal Futures & Options | 16:50-17:00 GMT 12:50-13:00 EDT | 00:00-22:00 GMT 20:00-***18:00 EDT |
| ICE CSX Coal Futures & Options ICE Powder River Basin Coal Futures & Options ICE Illinois Basin Coal Futures & Options | 18:15 –18:30 GMT 14:15 –14:30 EDT | 00:00-22:00 GMT 20:00-***18:00 EDT |
| ICE FOB Indo sub-bit Coal Futures ICE gC Newcastle Coal Futures & Options ICE gC Richards Bay Coal Futures ICE gC Indo 4200 Coal Futures ICE CFR South China Coal Futures | 16:50-17:00 GMT 12:50-13:00 EDT | 00:00-22:00 GMT 20:00-***18:00 EDT |
| ICE EUA Futures & Options ICE CER Futures & Options ICE EUAA Futures | 16:50 –17:00 GMT 12:50 –13:00 EDT | 07:00-17:00 GMT 03:00-13:00 EDT |
| ICE Transitioned Futures & Options | | *23:50-***22:00 GMT *19:50-***18:00 EDT |

* Monday Trading Day: these markets open at 22.00 hours Sunday (18:00 EDT), with the exception of ICE Futures Europe Transitioned Futures and Options and Natural Gas 1st Line Futures which open at 21.50 hours (17:50 EDT)

** Next day

IFEU SOFT COMMODITY CONTRACTS

| Contract | Designated settlement periods | Trading Hours |
|---|--------------------------------------|--------------------------------------|
| London Cocoa & Euro Cocoa Futures & Options | 16:48 -16:50 GMT 12:48 -12:50 EDT | 09:30 -16:55 GMT 05:30 -12:55 EDT |
| Robusta Coffee Futures & Options | 17:23 -17:25 GMT 13:23 -13:25 EDT | 09:00 -17:30 GMT 05:00 -13:30 EDT |
| White Sugar Futures & Options & Containerised White Sugar Futures | 16:53 -16:55 GMT 12:53 -12:55 EDT | 08:45 -17:00 GMT 04:45 -13:00 EDT |
| UK Feed Wheat Futures & Options | 17:26 -17:28 GMT 13:26 -13:28 EDT | 09:25 -17:28 GMT 05:25 -13:28 EDT |

IFEU FIXED INCOME CONTRACTS

| Contract | Designated settlement periods | Trading Hours |
|---|--------------------------------------|------------------------------------|
| Three Month Sterling Futures & Options | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| Three Month Sterling One, Two, Three, Four and Five Year Mid-curve Options | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| Three Month Euribor® Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 01:00-21:00 GMT 21:00-17:00 EDT |
| Three Month Euribor® Options, One, Two, Three, Four and Five Year Mid-Curve Options | 16:05-16:15 GMT 12:05-12:15 EDT | 07:00-18:00 GMT 03:00-14:00 EDT |
| Three Month Euroswiss Futures & Options | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| One Month Sonia Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| Three Month Sonia Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| One Month Eonia Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 07:00-18:00 GMT 03:00-14:00 EDT |
| Short, Medium, Long and Ultra Long Gilt Futures and Long Gilt Option | 16:13-16:15 GMT 12:13-12:15 EDT | 08:00-18:00 GMT 04:00-14:00 EDT |
| Short, Medium, Long and Ultra Long Bund Futures | 16:13-16:15 GMT 12:13-12:15 EDT | 01:00-21:00 GMT 21:00-17:00 EDT |

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| Short, Medium and Long BTP Futures | 16:13-16:15 GMT 12:13-12:15 EDT | 01:00-18:00 GMT 21:00- ** 14:00 EDT |
| Short, Medium and Long Bonos Futures | 16:13-16:15 GMT 12:13-12:15 EDT | 01:00-16:35 GMT 21:00- ** 12:35 EDT |
| Medium and Long Swiss Confederation Futures | 15:58-16:00 GMT 11:58-12:00 EDT | 01:00-16:00 GMT 21:00- ** 12:00 EDT |
| Euro Swapnote® Futures - Two, Five, Ten and Thirty Year | 16:13-16:15 GMT 12:13-12:15 EDT | 07:00-18:00 GMT 03:00-14:00 EDT |
| Sterling Swapnote® Futures - Two, Five, Ten and Thirty Year | 16:13-16:15 GMT 12:13-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |
| U.S. Dollar Swapnote® Futures - Two, Five, Ten and Thirty Year | 18:58-19:00 GMT 14:58-15:00 EDT | 07:00-19:00 GMT 03:00-15:00 EDT |
| One Month and Three Month SOFR Futures | 18:30-19:00 GMT 14:30-15:00 EDT | 23:45- ** 21:00 GMT 19:45- ** 17:00 EDT |
| All ICE GCF Repos Index Futures | 18:30-19:00 GMT 14:30-15:00 EDT | 23:45- ** 21:00 GMT 19:45- ** 17:00 EDT |
| ICE Three-Month Eurodollar Futures | 18:58-19:00 GMT 14:58-15:00 EDT | 23:45- ** 21:00 GMT 19:45- ** 17:00 EDT |
| ERIS EUR Interest Rate Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 01:00-21:00 GMT 21:00- ** 17:00 EDT |
| ERIS GBP Interest Rate Futures | 16:05-16:15 GMT 12:05-12:15 EDT | 07:30-18:00 GMT 03:30-14:00 EDT |

** Next day

IFEU EQUITY DERIVATIVE CONTRACTS

| Contract | Designated settlement periods | Trading Hours |
|--|------------------------------------|---|
| FTSE 100 Index Future | 16:28-16:30 GMT 12:28-12:30 EDT | 01:00-21:00 GMT 21:00- ** 17:00 EDT |
| FTSE 100 Index Option - CLOB [^] | 16:28-16:30 GMT 12:28-12:30 EDT | 08:00-16:50 GMT 04:00-12:50 EDT |
| FTSE 100 Index Option - ICEBlock | 16:28-16:30 GMT 12:28-12:30 EDT | 08:00-17:30 GMT 04:00-13:30 EDT |
| FTSE 250 Future | 16:28-16:30 GMT 12:28-12:30 EDT | 07:00-17:30 GMT 03:00-13:30 EDT |
| FTSE 100 Declared Dividend and RDSA Withholding Future - CLOB [^] | 16:28-16:30 GMT 12:28-12:30 EDT | 08:00-16:30 GMT 04:00-12:30 EDT |
| FTSE 100 Declared Dividend and RDSA Withholding Future - ICEBlock | 16:28-16:30 GMT 12:28-12:30 EDT | 08:00-17:30 GMT 04:00-13:30 EDT |
| MSCI Index Futures (with normal trading hours of 01:00-21:00 GMT) | N/A | 01:00-21:00 GMT 21:00- ** 17:00 EDT |
| MSCI Index Futures (with normal trading hours of 08:00-21:00 GMT) | N/A | 08:00-21:00 GMT 04:00-17:00 EDT |

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| MSCI Index Futures (with normal trading hours of 08:00-17:30 GMT) | N/A | 08:00-17:30 GMT 04:00-13:30 EDT |
| All other ICE Block only Index Futures and Option contracts (AEX, BEL20, CAC40, FTSE 100 Equal Weighted, FTSE 100 Total Return, FTSE 250, FTSEurofirst 80, FTSEurofirst 100, PSI, FTSE Developed Europe SMID Cap Tradable Plus and FTSE UK Mid Cap Tradable Plus Index contracts) | N/A | 08:00-17:30 GMT 04:00-13:30 EDT |
| Dividend Adjusted Stock Futures - ICE Block | N/A | 08:00-18:00 GMT 04:00-14:00 EDT See page 6 for Expiry days |
| Single Stock Futures - ICE Block | N/A | 08:00-18:00 GMT 04:00-14:00 EDT See page 7 for Expiry days |
| Single Stock Options - CLOB [^] | N/A | 08:00-16:30 GMT 04:00-12:30 EDT |
| Single Stock Options - ICE Block | N/A | 08:00-17:30 GMT 04:00-13:30 EDT See page 7 for Expiry days |

[^]CLOB: Central Limit Order Book

** Next Day

Changes in Expiry Times

AFFECTED CONTRACTS

| Contract | Expiry Date | Expiry Times - hours | |
|--|-----------------------------|----------------------|------------|
| | | GMT – hours | EDT- hours |
| ICE LS Gasoil Futures | 12 th March 2019 | 12:00 | 08:00 |
| ICE London Cocoa & Euro Cocoa Futures | 14 th March 2019 | 12:00 | 08:00 |
| Three Month Sterling One, Two, Three, Four and Five Year Mid-curve Options | 15 th March 2019 | 15:15 | 11:15 |
| Three Month Euribor® One, Two, Three, Four and Five Year Mid-Curve Options | 15 th March 2019 | 15:15 | 11:15 |
| ICE FTSE 100 Index Futures & Options & FTSE 250 Futures and Options | 15 th March 2019 | 10:15† | 06:15† |
| Single Stock Options - CLOB [^] | 15 th March 2019 | 16:30 | 12:30 |
| MSCI Index Futures (with normal expiry time of 16:00 GMT) | 15 th March 2019 | 16:00 | 12:00 |

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| FTSE 100 Declared Dividend & FTSE 100 Dividend RDSA Withholding | 15 th March 2019 | 16:30 | 12:30 |
| ICE Index Futures & Options - ICE Block ICE Single Stock Futures & Options - ICE Block ICE Dividend Adjusted Stock Futures - ICE Block | | See page 7 | |
| ICE WTI Options | 15 th March 2019 | 18:30 | 14:30 |
| ICE Three Month Euribor Futures & Options | 18 th March 2019 | 10:00 | 06:00 |
| ICE Euro Swapnote [®] Futures | 18 th March 2019 | 10:00 | 06:00 |
| ICE Three Month Euroswiss Futures & Options | 18 th March 2019 | 11:00 | 07:00 |
| ICE Eurodollar Futures | 18 th March 2019 | 11:00 | 07:00 |
| ICE US Dollar Swapnote [®] Futures | 18 th March 2019 | 15:00 | 11:00 |
| Three Month Sonia Futures | 19 th March 2019 | 18:00 | 14:00 |
| Three Month SOFR Futures | 19 th March 2019 | 21:00 | 17:00 |
| ICE WTI Futures | 19 th March 2019 | 18:30 | 14:30 |
| ICE Three Month Sterling Futures & Options | 20 th March 2019 | 11:00 | 07:00 |
| ICE Sterling Swapnote [®] Futures | 20 th March 2019 | 11:00 | 07:00 |
| ICE Emissions Options | 20 th March 2019 | 17:00 | 13:00 |
| ICE Permian WTI Futures | 20 th March 2019 | 18:30 | 14:30 |
| ICE Long Gilt Option | 22 nd March 2019 | 10:00 | 06:00 |
| ICE UK Feed Wheat Futures | 22 nd March 2019 | 12:30 | 08:30 |
| Robusta Coffee Futures | 25 th March 2019 | 12:30 | 08:30 |
| ICE Emissions Futures | 25 th March 2019 | 17:00 | 13:00 |
| ICE Illinois Basin, CSX Coal and Powder River | 25 th March 2019 | 22:00 | 18:00 |

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| Basin Coal Futures | | | |
| ICE Brent Crude Options | 26 th March 2019 | 18:30 | 14:30 |
| ICE Short, Medium, Long & Ultra Long Gilt Futures | 27 th March 2019 | 11:00 | 07:00 |
| ICE Natural Gas Options | 27 th March 2019 | 16:15 | 12:15 |
| ICE UK Power Gregorian Base & Peak | 28 th March 2019 | 17:00 | 13:00 |
| ICE Natural Gas Futures | 28 th March 2019 | 17:00 | 13:00 |
| ICE Heating Oil Futures | 28 th March 2019 | 18:30 | 14:30 |
| ICE RBOB Gasoline Futures | 28 th March 2019 | 18:30 | 14:30 |
| gC Newcastle Coal, gC Richards Bay Coal, Indo sub-bit Coal & gC Fob Indo 4200 Coal Futures | 29 th March 2019 | 12:00 | 08:00 |
| ICE Rotterdam, Richards Bay & CFR Coal Futures | 29 th March 2019 | 17:00 | 12:00 |
| One Month Eonia Futures | 29 th March 2019 | 17:00 | 13:00 |
| One Moth Sonia Futures | 29 th March 2019 | 18:00 | 14:00 |
| ICE Brent Crude Futures | 29 th March 2019 | 18:30 | 14:30 |
| All ICE GCF Repo Index Futures | 29 th March 2019 | 19:00 | 15:00 |
| One Month SOFR Futures | 29 th March 2019 | 21:00 | 17:00 |

†Trading shall cease as soon as reasonably practicable after 10:15 (London time) once the Expiry Value of the Index has been determined.

^CLOB: Central Limit Order Book

All Stock and Index Futures and all Individual Equity and Index Options Expiry and Trading Hours Rules.

Please be advised that during the period 10 March 2019 - 29 March 2019 inclusive, all Single Stock Futures (“SSF”), Dividend Adjusted Stock Futures (“DASF”) and Single Stock Options (“SSO”) and all Index Futures and Options will expire at their usual London Local Time (LLT) following the usual expiry rule (except for SSF, DASF and SSO based on Canadian and South African underlyings).

Standard and Flexible SSFs and DASFs based on Canadian underlyings:

The EDSP and/or Expiry Reference Price of standard and flexible SSFs and DASFs based on Canadian underlyings will be determined on the basis of the Official Opening Price of the underlying share on the Toronto Stock Exchange on the Last Trading Day of the series. The Official Opening Price is normally established at approximately 14:30 hours (London time). Furthermore, the List of Contract Details in respect of standard and flexible SSFs and DASFs based on Canadian underlyings states that trading in a series shall cease at 14:30 hours (London time) on its Last Trading Day.

For the period (**10 March 2019 – 29 March 2019**): (i) the Official Opening Price to be used for EDSP/Expiry Reference Price purposes shall be established at approximately 13:30 hours (London time) and, (ii) as a consequence, **the time trading ceases on the Last Trading Day during the Period for such Contracts shall be 13:30 hours (London time).**

Standard and Flexible SSFs and DASFs based on South African Company Shares

The EDSP of standard and flexible SSFs and DASFs based on South African underlyings will be determined on the basis of the Official Closing Price of the underlying shares on the Johannesburg Stock Exchange on the Last Trading Day of the series. The Official Closing Price will normally be established at approximately 15:00 hours (London time). Furthermore, the List of Contract Details in respect of standard and flexible SSFs and DASFs based on South African shares states that trading in a series shall cease at 15:00 hours (London time) on its Last Trading Day.

During British Summer Time, that is, **from 31 March 2019 up until Friday 25 October 2019** inclusive: (i) the Official Closing Price to be used for EDSP purposes shall be established at approximately 16:00 hours (London time) and, (ii) as a consequence, **the time trading ceases on the Last Trading Day up until Friday 25 October 2019 inclusive for such Contracts shall be 16:00 hours (London time).**