

## Cboe SEF, LLC

| Trade Date | Contract Code | Open Price | High Price | Low Price | Close Price | Settlement Price | Volume* (USD million) |
|------------|---------------|------------|------------|-----------|-------------|------------------|-----------------------|
| 11/08/2019 | USDPHP_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDMYR_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDIDR_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDTWD_1M     | 30.298     | 30.298     | 30.298    | 30.308      | 30.308           | 1.0                   |
| 11/08/2019 | USDCNY_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDKRW_1M     | 1157.47    | 1158.76    | 1155.84   | 1158.1      | 1158.1           | 8.7                   |
| 11/08/2019 | USDINR_1M     | 71.524     | 71.524     | 71.413    | 70.876      | 70.876           | 5.3                   |
| 11/08/2019 | USDCOP_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCLP_1M     | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDIDR_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCLP_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCOP_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDBRL_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCNY_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDINR_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDKRW_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDMYR_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDPHP_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDTWD_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDBRL_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCOP_IMM2   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCLP_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDIDR_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDINR_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDCNY_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDBRL_BMF1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDTWD_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDPHP_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDMYR_IMM1   | -          | -          | -         | -           | -                | -                     |
| 11/08/2019 | USDKRW_IMM1   | -          | -          | -         | -           | -                | -                     |

\* Cboe SEF does not offer swaps exchanged for commodities and block trades are not permitted on Cboe SEF.