

ICE NGX  
Public Quantitative Disclosures Q3 2018

ICE NGX 3rd Quarter 2018

**Overview:**

This guide summarizes the CPMI-IOSCO public quantitative disclosure standards for central counterparties, and how ICE NGX has reported all the requested values. The table summarizes the below information:

- "Disclosure #" and "Disclosure Title" are taken from the public quantitative standards for central counterparties document
- "Disclosure Reference" breaks each "Disclosure #" into reportable values
- "Disclosure Description" provides further information in regards to each "Disclosure #"
- "Description Values" lists all relevant values used in the Data Files
- "Data Type" is the format of each value
- "Data File" specifies which CSV file the disclosure reference is reported in. Individual values are reported in the Aggregated Data File, and data arrays are reported in separate Data Files
- "Reporting Frequency" details the frequency of reporting i.e. Quarter End, Ad-hoc etc.
- "Comments" provide further clarification in regards to certain Disclosure References. Disclosure References shown as "NA" are not applicable to ICE NGX

Each Data File includes columns to define which level the Disclosure References are being reported at. The following apply for ICE NGX:

- "CCP" = ICE NGX

Data File naming convention is as follows:

Data Files: [CCP]\_DataFile\_DisclosureNumber\_YYYYQ#.csv

Example:

ICE NGX\_DataFile\_4\_3\_2018Q3.csv

Aggregated Data File: [CCP]\_AggregatedDataFile\_YYYYQ#.csv

Example:

ICE NGX\_AggregatedDataFile\_2018Q3.csv

| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description   | Description Values | Data Type             | Data File          | Reporting Frequency | Comments   |
|--------------|---|----------------------|--|--------------------|-----------------------|--------------------|---------------------|--|
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.1                | Prefunded - Own Capital Before; Reported as at quarter end   |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.2                | Prefunded - Own Capital Alongside; Reported as at quarter end  |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.3                | Prefunded - Own Capital After; Reported as at quarter end  |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.4                | Prefunded - Aggregate Participant Contributions - Required; Reported as at quarter end   |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.5                | Prefunded - Aggregate Participant Contributions - Post-Haircut Posted; Reported as at quarter end  |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.6                | Prefunded - Other; Reported as at quarter end  |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.7                | Committed - Own/parent funds that are committed to address a participant default (or round of participant defaults); Reported as at quarter end                |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         | Export Development Canada Default Insurance: CAD \$106.9MM (maximum liability USD \$100.0MM, first loss deductible USD \$15.0MM, value adjusted for deductible and potential liquidity risk) |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.8                | Committed - Aggregate participant commitments to address an initial participant default (or initial round of participant defaults); Reported as at quarter end |                    | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |  |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description   | Description Values        | Data Type             | Data File          | Reporting Frequency | Comments  |
|--------------|---|----------------------|--|---------------------------|-----------------------|--------------------|---------------------|---|
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.9                | Committed - Aggregate participant commitments to replenish the default fund to deal with a subsequent participant default (or round of participant defaults) after the initial participant default (or round of participant defaults) has been addressed; Reported as at quarter end |                           | Text                  | AggregatedDataFile | Quarter end         |   |
| 4.1          | Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service | 4.1.10               | Committed - Other; Reported as at quarter end  |                           | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         |   |
| 4.2          | Kccp  | 4.2.1                | Kccp - Kccp need only be reported by those CCPs which are, or seek to be a "qualifying CCP" under relevant law   |                           | Numeric 2dp           | AggregatedDataFile | Quarter end         | ICE NGX is a CCP with a self funded default fund and does not require default fund contributions from its members; both the default fund contribution by clearing members and the associated capital costs of such contribution is currently zero. Basel III rules do not require QCCPs to be mutualized nor do they require QCCPs to have mutualized default funds. Given the certainty of the outcome of the capital cost calculation and the permissibility of ICE NGX's non-mutualized structure under the Basel III rules, ICE NGX has determined it satisfies the QCCP criteria without the Kccp value. |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.1                | Cash deposited at a central bank of issue of the currency concerned; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.2                | Cash deposited at other central banks; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.3                | Secured cash deposited at commercial banks (including reverse repo); Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         | Value shown is CAD equivalent<br><br>Secured cash deposited at commercial banks:<br>o CAD \$49.7MM (ICE NGX Cash)<br>o CAD \$61.3MM (Contracting Party Collateral)<br>o USD \$251.9MM (Contracting Party Collateral)  |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.4                | Unsecured cash deposited at commercial banks; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.5                | Non-Cash Sovereign Government Bonds - Domestic; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.6                | Non-Cash Sovereign Government Bonds - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.7                | Non-Cash Agency Bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.8                | Non-Cash State/municipal bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by                     | 4.3.9                | Non-Cash Corporate bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut | Numeric 2dp, Currency | DataFile_4.3       | Quarter end         |   |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description  | Description Values   | Data Type               | Data File          | Reporting Frequency      | Comments  |
|--------------|---|----------------------|---|--|-------------------------|--------------------|--------------------------|---|
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by | 4.3.10               | Non-Cash Equities; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by | 4.3.11               | Non-Cash Commodities - Gold; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by | 4.3.12               | Non-Cash Commodities - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by | 4.3.13               | Non-Cash Commodities - Mutual Funds / UCITS; Reported as at quarter end; Pre-Haircut and Post-Haircut   | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              |   |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by | 4.3.14               | Non-Cash Commodities - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              | Value shown is CAD equivalent<br><br>Non-cash – Letters of Credit:<br>o CAD \$567.3MM (Contracting Party Collateral)<br>o USD \$1,200.6MM (Contracting Party Collateral)  |
| 4.3          | Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total              | 4.3.15               | In total. Reported as at quarter end; Pre-Haircut and Post-Haircut  | PreHaircut<br>PostHaircut  | Numeric 2dp, Currency   | DataFile_4.3       | Quarter end              |   |
| 4.4          | Credit Risk Disclosures   | 4.4.1                | State whether the CCP is subject to a minimum “Cover 1” or “Cover 2” requirement in relation to total pre-funded default resources.   |  | Text                    | AggregatedDataFile | Quarter end              |   |
| 4.4          | Credit Risk Disclosures   | 4.4.2                | For each clearing service, state the number of business days within which the CCP assumes it will close out the default when calculating credit exposures that would potentially need to be covered by the default fund.  |  | Numeric 0dp             | AggregatedDataFile | Quarter end              | Close out procedures are outlined in Section 5.6 and 8.3 of the Contracting Party Agreement (“CPA”) and ICE NGX would follow those procedures. ICE NGX’s direct cleared, non-mutualized structure means that non-defaulting Contracting Parties are not exposed to losses by the defaulting Contracting Party, nor does ICE NGX have the ability to directly transfer (port) positions to non-defaulting Contracting Parties without prior consent. Accordingly, ICE NGX tests procedures by conducting regular liquidation simulation events without participation by Contracting Parties. |
| 4.4          | Credit Risk Disclosures   | 4.4.3                | For each clearing service, the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Peak day amount in the previous 12 months and mean average over the previous 12 months | PeakDayAmountInPrevious12<br>Months<br>MeanAverageOverPrevious12<br>Months | Numeric 2dp, Percentage | DataFile_4.4a      | Quarterly, 12 month span |   |
| 4.4          | Credit Risk Disclosures   | 4.4.4                | Report the number of business days, if any, on which the above amount (4.4.3) exceeded actual pre-funded default resources (in excess of initial margin).   | Number of days   | Numeric 0dp             | AggregatedDataFile | Quarter end              |   |
| 4.4          | Credit Risk Disclosures   | 4.4.5                | The amount in 4.4.3 which exceeded actual pre-funded default resources (in excess of initial margin)  | AmountExceeded   | Numeric 2dp, Currency   | DataFile_4.4b      | Quarter end              |   |
| 4.4          | Credit Risk Disclosures   | 4.4.6                | For each clearing service, the actual largest aggregate credit exposure (in excess of initial margin) to any single participant and its affiliates (including transactions cleared for indirect participants); Peak day amount in the previous 12 months and mean average over the previous 12 months   | PeakDayAmountInPrevious12<br>Months<br>MeanAverageOverPrevious12<br>Months | Numeric 2dp, Currency   | DataFile_4.4a      | Quarter end              |   |

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|--------------|--|----------------------|---|--|-------------------------|--------------------|---------------------|---|
| 4.4          | Credit Risk Disclosures  | 4.4.7                | For each clearing service, the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any two participants and their affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Peak day amount in the previous 12 months and mean average over the previous 12 months | PeakDayAmountInPrevious12Months<br>MeanAverageOverPrevious12Months | Numeric 2dp, Currency   | DataFile_4.4a      | Quarter end         |   |
| 4.4          | Credit Risk Disclosures  | 4.4.8                | Number of business days, if any, on which the above amount (4.4.7) exceeded actual pre-funded default resources (in excess of initial margin) and by how much.  | Number of days   | Numeric 0dp             | AggregatedDataFile | Quarter end         |   |
| 4.4          | Credit Risk Disclosures  | 4.4.9                | The amount in 4.4.7 which exceeded actual pre-funded default resources (in excess of initial margin)  | AmountExceeded   | Numeric 2dp, Currency   | DataFile_4.4b      | Quarter end         |   |
| 4.4          | Credit Risk Disclosures  | 4.4.10               | For each clearing service, what was the actual largest aggregate credit exposure (in excess of initial margin) to any two participants and their affiliates (including transactions cleared for indirect participants)?<br>Description:<br>PeakDayAmountInPrevious12Months;<br>MeanAverageOverPrevious12Months  | PeakDayAmountInPrevious12Months<br>MeanAverageOverPrevious12Months | Numeric 2dp, Currency   | DataFile_4.4a      | Quarter end         |   |
| 5.1          | Assets eligible as initial margin, and the respective haircuts applied   | 5.1.1                | Assets eligible as initial margin and the respective haircuts applied   |  | Text                    | AggregatedDataFile | Ad-Hoc              | <a href="http://www.ngx.com/pdf/ICE NGX Principle for Financial Market Infrastructures Disclosure.pdf">http://www.ngx.com/pdf/ICE NGX Principle for Financial Market Infrastructures Disclosure.pdf</a>   |
| 5.2          | Assets Eligible for pre-funded participant contributions to the default resources, and the respective haircuts applied (if different from 5.1) | 5.2.1                | Assets Eligible for pre-funded participant contributions to the default resources, and the respective haircuts applied (if different from 5.1)  |  | Text                    | AggregatedDataFile | Ad-Hoc              |   |
| 5.3          | Results of testing of haircuts   | 5.3.1                | Confidence interval targeted through the calculation of haircuts  |  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 5.3          | Results of testing of haircuts   | 5.3.2                | Assumed holding/liquidation period for the assets accepted  |  | Text                    | AggregatedDataFile | Quarter end         |   |
| 5.3          | Results of testing of haircuts   | 5.3.3                | Look-back period used for testing the haircuts  |  | Text                    | AggregatedDataFile | Quarter end         |   |
| 5.3          | Results of testing of haircuts   | 5.3.4                | Number of days during the look-back period on which the fall in value during the assumed holding/liquidation period exceeded the haircut on an asset.   |  | Numeric 0dp             | AggregatedDataFile | Quarterly           |   |
| 6.1          | For each clearing service, total initial margin required, split by house and client (or combined total if not segregated)                      | 6.1.1                | Total initial margin required split by house, client gross, client net and total(if not segregated);  | House_Net<br>Total   | Numeric 2dp, Currency   | DataFile_6.1       | Quarter end         | <p>For further information regarding ICE NGX's margin requirements, please reference Principle 6 of ICE NGX's Principles for Financial Market Infrastructures Qualitative Disclosure. <a href="http://www.ICE NGX.com/pdf/ICE NGX PFMI Disclosure.pdf">http://www.ICE NGX.com/pdf/ICE NGX PFMI Disclosure.pdf</a></p> <p>All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.</p> <p>As at September 30, 2018:</p> <ul style="list-style-type: none"> <li>▣ Total net initial margin required: CAD \$570,938,004</li> <li>▣ Total variation margin required: CAD \$398,843,282</li> <li>▣ Total accounts receivable margin required: CAD \$381,800,385</li> </ul> |

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|--------------|---|----------------------|---|--|-----------------------|--------------|---------------------|--|
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.1                | Cash deposited at a central bank of issue of the currency concerned; Total split by House and Client; Pre-Haircut and Post Hair-cut | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.2                | Cash deposited at other central banks; Total split by House and Client; Pre-Haircut and Post Haircut                                | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.3                | Secured cash deposited at commercial banks (including reverse repo); Total split by House and Client; Pre-Haircut and Post-Haircut  | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.4                | Unsecured cash deposited at commercial banks; Total split by House and Client; Pre-Haircut and Post Hair-cut                        | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.5                | Non-Cash Sovereign Government Bonds - Domestic; Total split by House and Client; Pre-Haircut and Post Hair-cut                      | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.6                | Non-Cash Sovereign Government Bonds - Other; Total split by House and Client; Pre-Haircut and Post Hair-cut                         | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.7                | Non-Cash Agency Bonds; Total split by House and Client; Pre-Haircut and Post Hair-cut   | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.8                | Non-Cash State/municipal bonds; Total split by House and Client; Pre-Haircut and Post Hair-cut                                      | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |
| 6.2          | For each clearing service, total initial margin held, split by house and client | 6.2.9                | Non-Cash Corporate bonds; Total split by House and Client; Pre-Haircut and Post Hair-cut  | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency | DataFile_6.2 | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions. |

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| Disclosure # | Disclosure Title   | Disclosure Reference | Disclosure Description  | Description Values   | Data Type                          | Data File          | Reporting Frequency | Comments  |
|--------------|--|----------------------|---|--|------------------------------------|--------------------|---------------------|---|
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.10               | Non-Cash Equities;<br>Description: HouseIM_PreHaircut,<br>HouseIM_PostHaircut, ClientIM_PreHaircut,<br>ClientIM_PostHaircut, TotalIM_PreHaircut,<br>TotalIM_PostHaircut           | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.11               | Non-Cash Commodities - Gold;<br>Description: HouseIM_PreHaircut,<br>HouseIM_PostHaircut, ClientIM_PreHaircut,<br>ClientIM_PostHaircut, TotalIM_PreHaircut,<br>TotalIM_PostHaircut | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.12               | Non-Cash Commodities - Other; Total split by House and Client; Pre-Haircut and Post Hair-cut  | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.13               | Non-Cash - Mutual Funds / UCITs; Total split by House and Client; Pre-Haircut and Post Hair-cut   | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.14               | Non-Cash - Other; Total split by House and Client; Pre-Haircut and Post Hair-cut  | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.2          | For each clearing service, total initial margin held, split by house and client  | 6.2.15               | For each clearing service, total initial margin held, split by house and client (if segregated).  | HouseIM_PreHaircut<br>HouseIM_PostHaircut<br>TotalIM_PreHaircut<br>TotalIM_PostHaircut | Numeric 2dp, Currency              | DataFile_6.2       | Quarter end         | All current ICE NGX Contracting Parties are direct participants and as such all margin requirements are held entirely for house positions.  |
| 6.3          | Initial Margin rates on individual contracts, where the CCP sets such rates  | 6.3.1                | Initial Margin rates on individual contracts where the CCP sets such rates  |  | Text                               | AggregatedDataFile | Ad-Hoc              |   |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.1                | Type of IM Model  |  | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.2                | Type of IM Model Change Effective Date  |  | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.3                | IM Model Name   |  | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |

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| Disclosure # | Disclosure Title   | Disclosure Reference | Disclosure Description                               | Description Values | Data Type                          | Data File          | Reporting Frequency | Comments  |
|--------------|--|----------------------|--|--------------------|------------------------------------|--------------------|---------------------|---|
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.4                | IM Model Name Change Effective Date                  |                    | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.5                | Single Tailed Confidence Level                       |                    | Numeric 2dp,<br>Percentage         | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.6                | Single Tailed Confidence Level Change Effective Date |                    | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.7                | Look Back Period                                     |                    | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.8                | Look Back Period Change Effective Date               |                    | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.9                | Adjustments  |                    | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.10               | Adjustments Change Effective Date                    |                    | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.11               | Close Out Period (days)                              |                    | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.12               | Close out period change Effective Date               |                    | ISO 8601 Date Format<br>YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.13               | IM Rates Link  |                    | Text                               | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.14               | Frequency of Parameter Review                        |                    | Text                               | AggregatedDataFile | Quarter end         | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a> |

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|--------------|--|----------------------|--|---|---------------------------------|--------------------|---------------------|---|
| 6.4          | Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service | 6.4.15               | Frequency of Parameter Review Change Effective Date  |   | ISO 8601 Date Format YYYY-MM-DD | AggregatedDataFile | Quarterly           | Principles for Financial Market Infrastructures Qualitative Disclosure<br><br><a href="http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf">http://www.ICE NGX.com/pdf/Margin Methodology Guide v2.0.pdf</a>   |
| 6.5          | Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service   | 6.5.1.1              | Number of times over the past twelve months that margin coverage held against any account fell below the actual marked-to-market exposure of that member account |   | Numeric 0dp                     | AggregatedDataFile | Quarterly           |   |
| 6.5          | Specify if measured intraday/continuously or only once a day. If once a day, specify at what time of day.  | 6.5.1.2              | Frequency of daily back-testing result measurements.   |   | Text                            | AggregatedDataFile | Quarterly           |   |
| 6.5          | Specify if measured intraday/continuously or only once a day. If once a day, specify at what time of day.  | 6.5.1.3              | Time of daily back-testing result if measured once a day.  |   | Text                            | AggregatedDataFile | Quarterly           |   |
| 6.5          | Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service   | 6.5.2                | Number of observations   |   | Numeric 0dp                     | AggregatedDataFile | Quarterly           |   |
| 6.5          | Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service   | 6.5.3                | Achieved coverage level  |   | Numeric 2dp, Percentage         | AggregatedDataFile | Quarterly           |   |
| 6.5          | Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service   | 6.5.4                | Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure; Peak size                                  |   | Numeric 2dp, Currency           | AggregatedDataFile | Quarterly           |   |
| 6.5          | Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service   | 6.5.5                | Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure; Average Size                               |   | Numeric 2dp, Currency           | AggregatedDataFile | Quarterly           |   |
| 6.6          | Average Total Variation Margin Paid to the CCP by participants each business   | 6.6.1                | Average Total Variation Margin Paid to the CCP by participants each business   |   | Numeric 2dp, Currency           | AggregatedDataFile | Quarterly           | Note this value reflects the average value of ICE NGX's daily settled Canadian Financial Electricity Futures Contracts which are settled on a t+2 daily basis. For all other products, variation margin is accrued in monthly settlement values. Further information related to ICE NGX monthly settlements are found in ICE NGX's Principles for Financial Market Infrastructures Qualitative Disclosure.<br><br><a href="http://www.ngx.com/pdf/ICE NGX Principle for Financial Market Infrastructures Disclosure.pdf">http://www.ngx.com/pdf/ICE NGX Principle for Financial Market Infrastructures Disclosure.pdf</a> |
| 6.7          | Maximum total variation margin paid to the CCP on any given business day over the period   | 6.7.1                | Maximum total variation margin paid to the CCP on any given business day over the period   |   | Numeric 2dp, Currency           | AggregatedDataFile | Quarterly           |   |
| 6.8          | Maximum aggregate initial margin call on any given business day over the period  | 6.8.1                | Maximum aggregate initial margin call on any given business day over the period  |   | Numeric 2dp, Currency           | AggregatedDataFile | Quarterly           | Margin call value is comprised of \$30.7MM for initial margin, \$131.2MM for variation margin and \$26.2MM for AP/AR receipts.  |
| 7.1          | Liquidity Risk   | 7.1.1                | State whether the clearing service maintains sufficient liquid resources to 'Cover 1' or 'Cover 2'.  |   | Text                            | AggregatedDataFile | Quarter end         |   |
| 7.1          | Liquidity Risk   | 7.1.2                | Size and composition of qualifying liquid resources for each clearing service; (a) Cash deposited at a central bank of issue of the currency concerned           | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency           | DataFile_7.1       | Quarter end         |   |
| 7.1          | Liquidity Risk   | 7.1.3                | Size and composition of qualifying liquid resources for each clearing service; (b) Cash deposited at other central banks   | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency           | DataFile_7.1       | Quarter end         |   |



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|--------------|---|----------------------|--|---|-----------------------|--------------------|---------------------|--|
| 7.1          | Liquidity Risk  | 7.1.4                | Size and composition of qualifying liquid resources for each clearing service; (c) Secured cash deposited at commercial banks (including reverse repo)   | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.5                | Size and composition of qualifying liquid resources for each clearing service; (d) Unsecured cash deposited at commercial banks  | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.6                | Size and composition of qualifying liquid resources for each clearing service; (e) secured committed lines of credit (ie those for which collateral/security will be provided by the CCP if drawn) including committed foreign exchange swaps and committed repos  | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.7                | Size and composition of qualifying liquid resources for each clearing service; (f) unsecured committed lines of credit (ie which the CCP may draw without providing collateral/security)   | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.8                | Size and composition of qualifying liquid resources for each clearing service; (g) highly marketable collateral held in custody and investments that are readily available and convertible into cash with prearranged and highly reliable funding arrangements even in extreme but plausible market conditions                       | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.9                | Size and composition of qualifying liquid resources for each clearing service; (h) other   | SizeAndCompositionOfQualifyingLiquidResources | Numeric 2dp, Currency | DataFile_7.1       | Quarter end         |  |
| 7.1          | Liquidity Risk  | 7.1.10               | State whether the CCP has routine access to central bank liquidity or facilities.  |   | Text                  | AggregatedDataFile | Quarterly           |  |
| 7.1          | Liquidity Risk  | 7.1.11               | Details regarding the schedule of payments or priority for allocating payments, if such exists, and any applicable rule, policy, procedure, and governance arrangement around such decision making.  |   | Text                  | AggregatedDataFile | Quarter end         |  |
| 7.2          | Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources above. | 7.2.1                | Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources in 7.1  |   | Numeric 2dp, Currency | AggregatedDataFile | Quarter end         | ICE NGX has one clearing service, as per IOSCO definition of a clearing service. All qualifying liquid resources outlined in Principle 7.1 above are for ICE NGX CCP operations.   |
| 7.3          | Liquidity Risk  | 7.3.1                | Estimated largest same-day and, where relevant, intraday and multiday payment obligation in total that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Forward looking measure reported quarterly |   | Numeric 2dp, Currency | DataFile_7.3       | Quarterly           | The value reported reflects ICE NGX's stress testing results of its daily settled Canadian Financial Electricity Futures Contracts in extreme, but plausible conditions. For further information, please reference Principle 7, Key Consideration 4 section of ICE NGX's Principles for Financial Market Infrastructures Qualitative Disclosure<br><a href="http://www.ICE.NGX.com/pdf/ICE_NGX_PFMI_Disclosure.pdf">http://www.ICE.NGX.com/pdf/ICE_NGX_PFMI_Disclosure.pdf</a> |
| 7.3          | Liquidity Risk  | 7.3.2                | Report the number of business days, if any, on which the above amount exceeded its qualifying liquid resources (identified as in 7.1, and available at the point the breach occurred), and by how much.;<br>No. of days in quarter   | NumberOfDays_CAD                              | Numeric 0dp           | AggregatedDataFile | Quarterly           |  |
| 7.3          | Liquidity Risk  | 7.3.3                | Number of business days, if any, on which the above amount exceeded its qualifying liquid resources (identified as in 7.1, and available at the point the breach occurred), and by how much; Amount of excess on each day  | AmountExceeded                                | Numeric 2dp, Currency | DataFile_7.3a      | Quarterly           |  |

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|--------------|---|----------------------|---|--------------------|-------------------------|--------------------|---------------------|---|
| 7.3          | Liquidity Risk  | 7.3.4                | Actual largest intraday and multiday payment obligation of a single participant and its affiliates (including transactions cleared for indirect participants) over the past twelve months; Peak day amount in previous twelve months  |                    | Numeric 2dp, Currency   | DataFile_7.3       | Quarterly           |   |
| 7.3          | Liquidity Risk  | 7.3.5                | Estimated largest same-day and, where relevant, intraday and multiday payment obligation in each relevant currency that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Forward looking measure reported quarterly |                    | Numeric 2dp, Currency   | DataFile_7.3       | Quarterly           |   |
| 7.3          | Liquidity Risk  | 7.3.6                | Number of business days, if any, on which the above amounts exceeded its qualifying liquid resources in each relevant currency (as identified in 7.1 and available at the point the breach occurred), and by how much   | NumberOfDays_CAD   | Numeric 0dp             | DataFile_7.3b      | Quarterly           |   |
| 7.3          | Liquidity Risk  | 7.3.7                | Report the number of business days, if any, on which the above amounts exceeded its qualifying liquid resources in each relevant currency (as identified in 7.1 and available at the point the breach occurred), and by how much; Amount of excess on each day  | AmountExceeded     | Numeric 2dp, Currency   | DataFile_7.3a      | Quarterly           |   |
| 12.1         | Percentage of settlements by value effected using a DvP, DvD or PVP settlement mechanism                                | 12.1.1               | Percentage of settlements by value effected using a DvP settlement mechanism  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           | Not applicable. ICE NGX does not use a DvP, DvD or PVP settlement system nor does ICE NGX have linked obligations for settlement.   |
| 12.1         | Percentage of settlements by value effected using a DvP, DvD or PVP settlement mechanism                                | 12.1.2               | Percentage of settlements by value effected using a DvD settlement mechanism  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |   |
| 12.1         | Percentage of settlements by value effected using a DvP, DvD or PVP settlement mechanism                                | 12.1.3               | Percentage of settlements by value effected using a PVP settlement mechanism  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |   |
| 12.2         | Percentage of settlements by volume effected using a DvP, DvD or PVP settlement mechanism                               | 12.2.1               | Percentage of settlements by volume effected using a DvP settlement mechanism   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |   |
| 12.2         | Percentage of settlements by volume effected using a DvP, DvD or PVP settlement mechanism                               | 12.2.2               | Percentage of settlements by volume effected using a DvD settlement mechanism   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |   |
| 12.2         | Percentage of settlements by volume effected using a DvP, DvD or PVP settlement mechanism                               | 12.2.3               | Percentage of settlements by volume effected using a PVP settlement mechanism   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |   |
| 13.1         | quantitative information related to defaults  | 13.1.1               | Quantitative information related to defaults; Amount of loss versus amount of initial margin  |                    | Text                    | AggregatedDataFile | Ad-hoc              | ICE NGX has not sustained any Contracting Party default resulting in any loss or necessitating the use of ICE NGX's financial resources since inception.<br>• Amount of loss versus amount of Initial Margin: \$0<br>• Amount of other financial resources used to cover losses: \$0<br>• Proportion of client positions closed out/porting: 0% |
| 13.1         | quantitative information related to defaults  | 13.1.2               | Quantitative information related to defaults; Amount of other financial resources used to cover losses  |                    | Text                    | AggregatedDataFile | Ad-hoc              |   |
| 13.1         | quantitative information related to defaults  | 13.1.3.1             | Quantitative information related to defaults; Proportion of client positions closed-out   |                    | Text                    | AggregatedDataFile | Ad-hoc              |   |
| 13.1         | quantitative information related to defaults  | 13.1.3.2             | Quantitative information related to defaults; Proportion of client positions ported   |                    | Text                    | AggregatedDataFile | Ad-Hoc              |   |
| 13.1         | quantitative information related to defaults  | 13.1.4               | Quantitative information related to defaults; Appropriate references to other published material related to the defaults  |                    | Text                    | AggregatedDataFile | Ad-Hoc              |   |
| 14.1         | Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions | 14.1.1               | Total Client Positions held in individually segregated accounts   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | All collateral positions held with ICE NGX are in individually segregated accounts as follows:<br>▢ USD Cash Collateral Accounts: 90<br>▢ CAD Cash Collateral Accounts: 37  |

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|--------------|--|----------------------|---|--------------------|-------------------------|--------------------|---------------------|---|
| 14.1         | Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions  | 14.1.2               | Total Client Positions held in omnibus client-only accounts, other than LSOC accounts   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ☐ USD Letters of Credit: 82<br>☐ CAD Letters of Credit: 89  |
| 14.1         | Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions  | 14.1.3               | Total Client Positions held in legally segregated but operationally comingled (LSOC) accounts   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 14.1         | Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions  | 14.1.4               | Total Client Positions held in comingled house and client accounts  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 15.1         | General business risk  | 15.1.1               | Value of liquid net assets funded by equity   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.1         | General business risk  | 15.1.2               | Six months of current operating expenses  |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.1               | Total Revenue   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.2               | Total Expenditure   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.3               | Profits   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.4               | Total Assets  |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.5               | Total Liabilities   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.6               | Explain if collateral posted by clearing participants is held on or off the CCP's balance sheet   |                    | Text                    | AggregatedDataFile | Annual              |   |
| 15.2         | General business risk; Financial Disclosures   | 15.2.7               | Additional items as necessary   |                    | Text                    | AggregatedDataFile | Annual              |   |
| 15.3         | General business risk; Income breakdown  | 15.3.1               | Percentage of total income that comes from fees related to provision of clearing services   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Annual              |   |
| 15.3         | General business risk; Income breakdown  | 15.3.2               | Percentage of total income that comes from the reinvestment (or rehypothecation) of assets provided by clearing participants  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Annual              | Derived from ICE NGX's portion of interest earned on cash collateral deposits only  |
| 16.1         | Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, split by whether it was received as initial margin or default fund contribution | 16.1.1               | Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as initial margin                   |                    | Numeric 2dp, Currency   | AggregatedDataFile | Quarter end         | As of end of Q3 2018, ICE NGX held CAD \$388.6MM equivalent in cash collateral from Contracting Parties for total margin requirements including initial margin, accounts receivable, and variation margin. Contracting Parties do not contribute to ICE NGX's self-funded default fund. |
| 16.1         | Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, split by whether it was received as initial margin or default fund contribution | 16.1.2               | Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as default fund contribution        |                    | Numeric 2dp, Currency   | AggregatedDataFile | Quarter end         | Contracting Parties do not contribute to ICE NGX's self-funded default fund.  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including;  | 16.2.1               | Percentage of total participant cash held as cash deposits (including through reverse repo)   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including;  | 16.2.2               | Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at central banks of issue of the currency deposited           |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including;  | 16.2.3               | Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at other central banks  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including;  | 16.2.4               | Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at commercial banks (Secured, including through reverse repo) |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |   |

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| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.5               | Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at commercial banks (Unsecured)   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.6               | Percentage of total participant cash held as cash deposits (including through reverse repo); in money market funds  |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.7               | Percentage of total participant cash held as cash deposits (including through reverse repo); in other forms   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.8               | Percentage of total participant cash held as cash deposits (including through reverse repo); percentage split by currency of these cash deposits (including reverse repo) and money market funds by CCY; Specify local currency in comments | Percentage_CAD<br>Percentage_USD | Numeric 2dp, Percentage | DataFile_16.2      | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.9               | Percentage of total participant cash held as cash deposits (including through reverse repo); weighted average maturity of these cash deposits (including reverse repo) and money market funds   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.10              | Percentage of total participant cash invested in securities; Domestic sovereign government bonds  |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.11              | Percentage of total participant cash invested in securities; Other sovereign government bonds   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.12              | Percentage of total participant cash invested in securities; Agency Bonds   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.13              | Percentage of total participant cash invested in securities; State/municipal bonds  |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.14              | Percentage of total participant cash invested in securities; Other instruments  |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.15              | Percentage of total participant cash invested in securities; percentage split by currency of these securities; Specify local currency in comments;  | Percentage_CAD                   | Numeric 2dp, Percentage | DataFile_16.2      | Quarter end         |  |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.16              | Weighted average maturity of securities   |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.17              | Provide an estimate of the risk on the investment portfolio (excluding central bank and commercial bank deposits) (99% one-day VaR, or equivalent)  |                                  | Text                    | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.18              | State if the CCP investment policy sets a limit on the proportion of the investment portfolio that may be allocated to a single counterparty, and the size of that limit.   |                                  | Text                    | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.19              | State the number of times over the previous quarter in which this limit has been exceeded.  |                                  | Numeric 0dp             | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.2         | How total cash received from participants (16.1) is held/deposited/invested, including; | 16.2.20              | Percentage of total participant cash held as securities.  |                                  | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.3         | Rehypothecation of participant assets (ie non-cash)                                     | 16.3.1               | Total value of participant non-cash rehypothecated (Initial margin)   |                                  | Numeric 2dp, Currency   | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |
| 16.3         | Rehypothecation of participant assets (ie non-cash)                                     | 16.3.2               | Total value of participant non-cash rehypothecated (Default fund)   |                                  | Numeric 2dp, Currency   | AggregatedDataFile | Quarter end         | ICE NGX does not re-invest Contracting Party collateral. |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description   | Description Values                               | Data Type                | Data File          | Reporting Frequency      | Comments  |
|--------------|---|----------------------|--|--|--------------------------|--------------------|--------------------------|---|
| 16.3         | Rehypothecation of participant assets (ie non-cash)   | 16.3.3               | Rehypothecation of participant assets (ie non-cash) by the CCP where allowed; initial margin; over the following maturities: Overnight/one day; one day and up to one week; One week and up to one month; One month and up to one year; One year and up to two years; Over two years | ON_1D<br>1D_1W<br>1W_1M<br>1M_1Y<br>1Y_2Y<br>2Y+ | Numeric 2dp, Currency    | DataFile_16.3      | Quarter end              | ICE NGX does not re-invest Contracting Party collateral.  |
| 16.3         | Rehypothecation of participant assets (ie non-cash)   | 16.3.4               | Rehypothecation of participant assets (ie non-cash); default fund; over the following maturities: Overnight/one day; one day and up to one week; One week and up to one month; One month and up to one year; One year and up to two years; Over two years                            | ON_1D<br>1D_1W<br>1W_1M<br>1M_1Y<br>1Y_2Y<br>2Y+ | Numeric 2dp, Currency    | DataFile_16.3      | Quarter end              | ICE NGX does not re-invest Contracting Party collateral.  |
| 17.1         | Operational availability target for the core system(s) involved in clearing (whether or not outsourced) over specified period for the system (e.g. 99.99% over a twelve-month period) | 17.1.1               | Operational availability target for the core system(s) involved in clearing (whether or not outsourced) over specified period for the system (e.g. 99.99% over a twelve-month period)  |  | Numeric 2dp, Percentage  | AggregatedDataFile | Quarterly, 12 month span | ICE NGX has an operational system uptime objective of 99.6% on an annual basis. For further details please refer to Principle 17, Key Considerations 3 of ICE NGX's Principles for Financial Market Infrastructures Qualitative Disclosure. |
| 17.2         | Actual availability of the core system(s) over the previous twelve month period   | 17.2.1               | Actual availability of the core system(s) over the previous twelve month period  |  | Numeric 2dp, Percentage  | AggregatedDataFile | Quarterly, 12 month span |   |
| 17.3         | Total number of failures  | 17.3.1               | Total number of failures and duration affecting the core system(s) involved in clearing over the previous twelve month period  | DurationofFailure#                               | UTC Time Format hh:mm:ss | DataFile_17.3      | Quarterly, 12 month span | ICE NGX experienced one outage totaling 146 minutes over the previous 12 months as of September 30, 2018.   |
| 17.4         | Recovery time objective(s)  | 17.4.1               | Recovery time objective(s) (e.g. within two hours)   |  | Text                     | AggregatedDataFile | Quarterly, 12 month span | ICE NGX's Recovery Time Objective is within 2 hours.  |
| 18.1         | Number of clearing members, by clearing service   | 18.1.1.1             | Number of general clearing members   |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.1.2             | Number of direct clearing members  |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.1.3             | Number of others category (Describe in comments)   |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.2.1             | Number of central bank participants  |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.2.2             | Number of CCP participants   |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.2.3             | Number of bank participants  |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.2.4             | Number of other participants (Describe in comments)  |  | Numeric 0dp              | AggregatedDataFile | Quarter end              | Financial Institution: 28<br>Other: 250   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.3.1             | Number of domestic participants  |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.1         | Number of clearing members, by clearing service   | 18.1.3.2             | Number of foreign participants   |  | Numeric 0dp              | AggregatedDataFile | Quarter end              |   |
| 18.2         | Open Position Concentration   | 18.2.1               | For each clearing service with ten or more members, but fewer than 25 members; Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter  | AverageInQuarter<br>PeakInQuarter                | Numeric 2dp, Percentage  | DataFile_18.2      | Quarterly                |   |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description  | Description Values                | Data Type               | Data File          | Reporting Frequency | Comments   |
|--------------|---|----------------------|---|-----------------------------------|-------------------------|--------------------|---------------------|--|
| 18.2         | Open Position Concentration   | 18.2.2               | For each clearing service with 25 or more members; Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter                               | AverageInQuarter<br>PeakInQuarter | Numeric 2dp, Percentage | DataFile_18.2      | Quarterly           | All ICE NGX Contracting Parties are direct participants therefore, all accounts are house accounts.  |
| 18.2         | Open Position Concentration   | 18.2.3               | For each clearing service with 25 or more members; Percentage of open positions held by the largest ten clearing members, including both house and client, in aggregate; Average and Peak over the quarter                                | AverageInQuarter<br>PeakInQuarter | Numeric 2dp, Percentage | DataFile_18.2      | Quarterly           |  |
| 18.3         | Initial Margin Concentration  | 18.3.1               | For each clearing service with ten or more members, but fewer than 25 members; Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter | AverageInQuarter<br>PeakInQuarter | Numeric 2dp, Percentage | DataFile_18.2      | Quarterly           |  |
| 18.3         | Initial Margin Concentration  | 18.3.2               | For each clearing service with 25 or more members; Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter                             | AverageInQuarter<br>PeakInQuarter | Numeric 2dp, Percentage | DataFile_18.2      | Quarterly           |  |
| 18.3         | Initial Margin Concentration  | 18.3.3               | For each clearing service with 25 or more members; Percentage of initial margin posted by the largest ten clearing members, including both house and client, in aggregate; Average and Peak over the quarter                              | AverageInQuarter<br>PeakInQuarter | Numeric 2dp, Percentage | DataFile_18.2      | Quarterly           |  |
| 18.4         | Segregated Default Fund Concentration   | 18.4.1               | For each segregated default fund with ten or more members, but fewer than 25 members; Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate                               |                                   | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX is a CCP with a self funded default fund and does not require default fund contributions from its members.   |
| 18.4         | Segregated Default Fund Concentration   | 18.4.2               | For each segregated default fund with 25 or more members; Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate   |                                   | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX is a CCP with a self funded default fund and does not require default fund contributions from its members.   |
| 18.4         | Segregated Default Fund Concentration   | 18.4.3               | For each segregated default fund with 25 or more members; Percentage of participant contributions to the default fund contributed by largest ten clearing members in aggregate  |                                   | Numeric 2dp, Percentage | AggregatedDataFile | Quarter end         | ICE NGX is a CCP with a self funded default fund and does not require default fund contributions from its members.   |
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.1               | Number of clients (if known)  |                                   | Numeric 0dp             | AggregatedDataFile | Quarter end         | Not applicable. All ICE NGX Contracting Parties are direct participants, and as such ICE NGX has not identified any measures of concentration with clearing clients. |
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.2               | Number of direct members that clear for clients   |                                   | Numeric 0dp             | AggregatedDataFile | Quarter end         |  |
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.3.1             | Percent of client transactions attributable to the top five clearing members (if CCP has 10+ clearing members) - Peak   |                                   | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly           |  |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description  | Description Values | Data Type               | Data File          | Reporting Frequency      | Comments   |
|--------------|---|----------------------|---|--------------------|-------------------------|--------------------|--------------------------|--|
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.3.2             | Percent of client transactions attributable to the top five clearing members (if CCP has 10+ clearing members) - Average  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly                |  |
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.4.1             | Percent of client transactions attributable to the top ten clearing members (if CCP has 25+ clearing members) - Peak  |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly                |  |
| 19.1         | Tiered participation arrangements, measures of concentration of client clearing | 19.1.4.2             | Percent of client transactions attributable to the top ten clearing members (if CCP has 25+ clearing members) - Average   |                    | Numeric 2dp, Percentage | AggregatedDataFile | Quarterly                |  |
| 20.1         | FMI Links, Value of Trades  | 20.1.1               | Value of trades cleared through each link – as a share of total trade values/total notional values cleared  |                    | Numeric 2dp, Percentage | DataFile_20a       | Quarter End              | Not applicable. All ICE NGX Contracting Parties are direct participants, and as such ICE NGX has not identified any measures of concentration with clearing clients. |
| 20.2         | FMI Links, Initial Margin or equivalent financial resources provided            | 20.2.1               | Initial margin or equivalent financial resources provided to each linked CCP by the CCP to cover the potential future exposure of the linked CCP on contracts cleared across link   |                    | Numeric 2dp, Currency   | DataFile_20a       | Quarter End              |  |
| 20.3         | FMI Links, Initial Margin or equivalent financial resources collected           | 20.3.1               | Initial margin or equivalent financial resources collected from each linked CCP to cover potential future exposure to the linked CCP on contracts cleared across link (at market value and post haircut)  |                    | Numeric 2dp, Currency   | DataFile_20b       | Quarter End              |  |
| 20.4         | FMI Links, Results of Back-testing coverage                                     | 20.4.1.1             | Number of times over the past twelve months that coverage provided by margin and equivalent financial resources held against each linked CCP fell below the actual marked-to-market exposure to that linked CCP – based on daily back testing results; Intraday or Continuous or Once-a-day |                    | Numeric 0dp             | DataFile_20a       | Quarterly, 12 month span |  |
| 20.4         | FMI Links, Results of Back-testing coverage                                     | 20.4.1.2             | Back-testing results frequency - state if measured intraday/continuously/once a day   |                    | Text                    | DataFile_20a       | Quarterly, 12 month span | Not applicable. All ICE NGX Contracting Parties are direct participants, and as such ICE NGX has not identified any measures of concentration with clearing clients. |
| 20.4         | FMI Links, Results of Back-testing coverage                                     | 20.4.1.3             | If 20.4.1.2 is 'once a day' then the time of day measure is taken, otherwise blank  |                    | Text                    | DataFile_20a       | Quarterly, 12 month span |  |
| 20.4         | FMI Links, Results of Back-testing coverage                                     | 20.4.2               | Number of observations (i.e. number of accounts multiplied by number of days covered in the back test); Intraday or Continuous or Once-a-day  |                    | Numeric 0dp             | DataFile_20a       | Quarterly, 12 month span |  |
| 20.4         | FMI Links, Results of Back-testing coverage                                     | 20.4.3               | Achieved coverage level   |                    | Numeric 2dp, Percentage | DataFile_20a       | Quarterly, 12 month span | Not applicable. All ICE NGX Contracting Parties are direct participants, and as such ICE NGX has not identified any measures of concentration with clearing clients. |
| 20.5         | FMI Links, Additional pre-funded financial resources provided to                | 20.5.1.1             | Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources provided to each linked CCP, that are available to the linked CCP to cover exposures to the CCP   |                    | Numeric 2dp, Currency   | DataFile_20a       | Quarter end              |  |
| 20.5         | FMI Links, Additional pre-funded financial resources provided to                | 20.5.1.2             | Whether part of, additional to, or separate from the standard default fund  |                    | Text                    | DataFile_20a       | Quarter end              |  |

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| Disclosure # | Disclosure Title  | Disclosure Reference | Disclosure Description   | Description Values   | Data Type               | Data File     | Reporting Frequency | Comments   |
|--------------|---|----------------------|--|--|-------------------------|---------------|---------------------|--|
| 20.6         | FMI Links, Additional pre-funded financial resources collected from         | 20.6.1.1             | Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources collected from each linked CCP, that are available to the linked CCP to cover exposures to the CCP |  | Numeric 2dp, Currency   | DataFile_20a  | Quarter end         |  |
| 20.6         | FMI Links, Additional pre-funded financial resources collected from         | 20.6.1.2             | Whether part of, additional to, or separate from the standard default fund   |  | Text                    | DataFile_20a  | Quarter end         |  |
| 20.7         | FMI Links, Cross Margining  | 20.7.1               | Value of trades subject to cross margining, by clearing service, as a percentage of total trade values/total notional values cleared   |  | Numeric 2dp, Percentage | DataFile_20a  | Quarter end         |  |
| 20.7         | FMI Links, Cross Margining  | 20.7.2               | Reduction in total initial margin held by the CCP as a result of cross margining, as a percentage of total initial margin that would otherwise have been held.   |  | Numeric 2dp, Percentage | DataFile_20a  | Quarter end         | Not applicable. All ICE NGX Contracting Parties are direct participants, and as such ICE NGX has not identified any measures of concentration with clearing clients. |
| 23.1         | Disclosure of rules, key procedures, and market data; Average Daily Volumes | 23.1.1               | Average Daily Volumes by Asset Class, Instrument, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)   | Exchange Traded - CAD Gas<br>Exchange Traded - US Gas<br>Exchange Traded - CAD Power<br>Exchange Traded - US Power<br>Exchange Traded - Crude<br>OTC - CAD Gas<br>OTC - US Gas<br>OTC - CAD Power<br>OTC - US Power<br>OTC - Crude | Numeric 0dp             | DataFile_23   | Quarterly           |  |
| 23.1         | Disclosure of rules, key procedures, and market data; Average Daily Volumes | 23.1.2               | Average Notional Value of trades cleared by Asset Class, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)  | Exchange Traded - CAD Gas<br>Exchange Traded - US Gas<br>Exchange Traded - CAD Power<br>Exchange Traded - US Power<br>Exchange Traded - Crude<br>OTC - CAD Gas<br>OTC - US Gas<br>OTC - CAD Power<br>OTC - US Power<br>OTC - Crude | Numeric 2dp, Currency   | DataFile_23   | Quarterly           |  |
| 23.2         | Disclosure of rules, key procedures, and market data; Non-Yet-Settled       | 23.2.1               | Gross notional outstanding/total settlement value of novated but not-yet settled securities transactions by Asset Class, Instrument, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)                    |  | Numeric 2dp, Currency   | DataFile_23   | Quarter end         | Not applicable. ICE NGX products are limited to physically and financially settled energy commodities transactions.  |
| 23.2         | Disclosure of rules, key procedures, and market data; Average Daily Volumes | 23.2.2               | Defines the Asset Class for volumes reported in Disclosure References 23.2.1   |  | Text                    | DataFile_23   | Quarter end         |  |
| 23.2         | Disclosure of rules, key procedures, and market data; Average Daily Volumes | 23.2.3               | Defines the Product Type for volumes reported in Disclosure References 23.2.1  |  | Text                    | DataFile_23   | Quarter end         |  |
| 23.2         | Disclosure of rules, key procedures, and market data; Average Daily Volumes | 23.2.4               | Defines the Product Code for volumes reported in Disclosure References 23.2.1  |  | Text                    | DataFile_23   | Quarter end         |  |
| 23.3         | Disclosure of rules, key procedures, and market data; Execution Facility    | 23.3.1               | Average daily volumes submitted by Execution facility or matching/confirmation venue   | ICE<br>ICE NGX   | Numeric 2dp             | DataFile_23.3 | Quarterly           |  |
| 23.3         | Disclosure of rules, key procedures, and market data; Execution Facility    | 23.3.2               | Notional contract values submitted by Execution facility or matching/confirmation venue  | ICE<br>ICE NGX   | Numeric 2dp, Currency   | DataFile_23.3 | Quarterly           |  |



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| Disclosure # | Disclosure Title | Disclosure Reference | Disclosure Description | Description Values | Data Type | Data File | Reporting Frequency | Comments |
|--------------|------------------|----------------------|------------------------|--------------------|-----------|-----------|---------------------|----------|
|--------------|------------------|----------------------|------------------------|--------------------|-----------|-----------|---------------------|----------|

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