| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 1 June 27, 2019 Undertakings and Responses List | Date Rec'd |
|--------------------|--|------------------------------------|
| 1.1 | THESL: To provide an updated concordance of evidence at the time the record closes.(p.6) <i>plus Addendum- update info - see Vol 6 p. 51</i> | July 31/19 |
| 1.2 | THESL: To provide a table that summarizes all the updates for revenue requirement as part of DRO process. Oeb Staff (p.6) | July 2/19 revised July 31/19 |
| 1.3 | THESL: To advise which assets are being replaced, because of PCBS, that is, would not show up in that original asset condition assessment. SEC (p.59) | July 3/19 |
| 1.4 | THESL: To update and refile the table 7 at page 47 of Exhibit K1.1. SEC (p.104) | June 28/19 |
| 1.5 | THESL: If available, to produce the number showing the cost impact of the Hydro One deficiency. SEC (p.122) | July 2/19 |
| 1.6 | THESL: To comment on the staff chart at page 45 of the staff compendium and to show updated numbers, if possible. Oeb Staff (p.163) | July 3/19 |
| 1.7 & AppdxA | THESL: To review the spreadsheet and confirm whether the Board got the numbers right or wrong and correct this chart. Oeb Staff (p.177) | July 2/19 |
| 1.8 & AppdxA | THESL: To review the spreadsheet and confirm whether the Board got the numbers right or wrong and correct this chart -pages 90 and 92 of the Compendium. Oeb Staff (p.177) | July 2/19 |
| 1.9 & AppdxA | THESL: To update the chart at page 105 of Exhibit K1.2 to reflect the data in U-staff-168. Oeb Staff (p.182) | July 2/19 |
| 1.10 | THESL: To provide CWIP numbers and CapEx in the previous cost of service rate case. Oeb Staff (p.186) | July 2/19 |
| 1.11 & AppdxA | THESL: To provide the chart data with the caveats as discussed. Oeb Staff (p.193) | July 2/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 2 June 28, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|---|------------|
| 2.1 | THESL:To explain the difference between the debt rates of 3.64 percent and 4.2 percent. GTAA (p.14) | July 3/19 |
| 2.2 | THESL: To provide what is currently on Toronto Hydro's website under vault access legislation and codes. GTAA (p.87) | July 3/19 |
| 2.3 | THESL: To provide the inspections in 2016, 2017, and 2018 with the number of inspections, and the actual costs of those inspections broken out from the customer equipment line. GTAA (p.99) | July 3/19 |
| 2.4 | THESL: To clarify whether there has been any impact on the insurance costs that may be reflected in the 2020 Test year arising from the matter raised by Mr. Quinn. GTAA (p.114) | July 3/19 |
| 2.5 | THESL: To advise what the 19 percent would be in light of the new information. BOMA (p.117) | July 3/19 |
| Exhibit J | Oral Hearing- Volume 3 July 3, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
| 3.1 | THESL: In reference to interrogatory Staff 80 or 81, to make available on the record the excerpt that is relied upon in answer to (D) of the undertaking, as referenced in EB-2012-0064.SEC (<i>p.44</i>) | July 5/19 |
| 3.2 | THESL: To identify the areas of productivity and summarize the evidence related to it. CCC (<i>p.61</i>) | July 8/19 |
| 3.3 | THESL: To review and confirm whether Toronto Hydro is in agreement with the change numbers in the tables at page 3 and page 5 of Exhibit K3.2. PWU (<i>p.93</i>) | July 5/19 |
| X3.4 | THESL: REDACTED N. Hann (p117) | July 5/19 |
| X3.5 | THESL: To provide an explanation of the components of the chart and the dollars associated with those components. OEB Staff, PWU (<i>p.120</i>) | July 5/19 |

| | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 4 | |
|--------------|---|------------|
| Exhibit J | July 4, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
| 4.1 | THESL: To provide the reference to the quantification evidence that relates to aspects 9, 10 and 11 of the benefits highlighted. DRC ($p 27$) | July 8/19 |
| 4.2 | THESL: To describe what is included in the transit category in the table at tab 30, page 310 DRC (p 29) | July 8/19 |
| 4.3 | THESL: To confirm the definition of WH in the table at Tab 30, page 310 DRC (p 29) | July 8/19 |
| 4.4 | THESL: To undertake and confirm in that in virtually all instances, EV and transit are some of the highest categories of the demand at virtually all of the stations DRC (p 32) | July 8/19 |
| 4.5 | THESL: For 2014 to 2018, to advise how many poles were changed due to the third party equipment permitting process where the load of the poles exceeds design capacity. Hann (<i>p</i> 40) | July 8/19 |
| 4.6 | THESL: To query the Environment Canada data and provide the dates from whatever data is available from Environment Canada that are greater than 25 millimetres of ice and greater than 85 kilometres an hour wind in the City of Toronto, if it is available publicly. Hann (p 44) | July 8/19 |
| 4.7 | THESL: To look back at the programs to determine whether storm- hardening was attributed as a primary driver for any of the programs. VECC (<i>p</i> 96) | July 8/19 |
| 4.8 | THESL: To update or correct 2B-AMPCO-42b. OEB Panel (p 128) | July 8/19 |
| 4.9 | THESL: To advise whether Exhibit 1B, Tab 5, Schedule 1, Table 7 is correct and, if not, to update it. OEB Panel (<i>p</i> 152) | July 8/19 |
| 4.10 | THESL: To correct the calculations at page 4 of Exhibit K4.7. EP (<i>p</i> 169) | July 8/19 |
| 4.11 | THESL: To provide the percentage increases between 2018 and 2020 for all categories. EP (p 175) | July 8/19 |

| Exhibit | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 5 July 5, 2019 | |
|---------|---|------------------------------------|
| J | Undertakings and Responses List (Cont'd.) | Date Rec'd |
| 5.1 | THESL: If possible, to confirm the number of vehicles to be replaced. EP (p. 12) | July 9/19 |
| 5.2 | THESL: To provide an update to the chart at page 8 of Exhibit K5.1 with data to 2020. OEB Staff (p. 37) | July 9/19 |
| 5.3 | THESL: To review the analysis and summarize the basis of the analysis. OEB Staff (p. 48) | July 9/19 |
| 5.4 | THESL: To confirm or not confirm the numbers in Exhibit K5.2. PWU (p54) | July 9/19 |
| 5.5 | THESL: To confirm whether the 60 percent figure for internal costs on capital projects includes materials costs. PWU (p. 67) | July 9/19 |
| 5.6 | THESL: (A) To advise whether it undertakes any benchmarking activities to determine the cost-effectiveness of its third-party service provider, costs in either the OM&A side of the business or the capital side of the business; (B) If there is, to provide it, subject to confidentiality restrictions. PWU (p. 68) | July 9/19 Updated July 11/19 |
| 5.7 | THESL: To consider whether external capital cost numbers reflect dollars paid to external contractors for their work, or the value of work executed by contractors, even if it includes Toronto Hydro costs. SEC (p. 103) | July 9/19 |
| 5.8 | THESL: To complete the table showing benefits 2020-2026. SEC (p. 114) | July 9/19 |
| 5.9 | THESL: To advise whether the Toronto Hydro fleet would qualify for fleet incentives. DRC (p.163) | July 9/19 |
| 5.10 | THESL: To provide a breakdown of electric vehicles versus combustion engine vehicles versus combustion engine vehicles in each. DRC (p. 170) | July 9/19 |
| 5.11 | THESL: To provide the breakdown on the age of EVs versus the Age of Light-Duty, Medium-duty, and Heavy-Duty non-EVs. DRC (p 172) | July 9/19 |
| 5.12 | THESL: To determine the cost difference between the fuel costs for EVs versus non-EVs. DRC (p. 173) | July 9/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 6 July 8, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|---|------------|
| 6.1 | THESL: To provide the external costs for OM&A. AMPCO (p. 5) | July 10/19 |
| 6.2 | THESL: To confirm whether the resource utilization figure excludes overtime; if not, to provide the breakdown; to provide a forecast figure for 2019 and 2020. AMPCO (p. 7) | July 10/19 |
| 6.3 | THESL: To advise if there are any further human-resource metrics THESL would consider. AMPCO (p. 14) | July 10/19 |
| 6.4 | THESL: To provide the percentage of work orders assigned priority level P1 that have been attained within the targeted timeline of 15 days for 2018 and to the end of 2019. AMPCO (p. 18) | July 10/19 |
| 6.5 | THESL: To file the SAP implementation review. AMPCO (p. 19) | July 10/19 |
| 6.6 | THESL: To refile undertaking J6.6 from the previous proceeding EB-2014-0116. AMPCO (p. 21-partially confidential) | July 11/19 |
| 6.7 | THESL: To advise of the years that the requirements have changed, in terms of lift capacity of the derrick trucks and the height capacity of the derrick and the bucket trucks. Also to advise if the capacities have increased, would that be because the size of the poles has increased. (p. 32) | July 11/19 |
| 6.8 | THESL: To provide any guidance documents that go to how things get categorized. Hann (p. 42) | July 10/19 |
| 6.9 | THESL: To provide the criteria for invoking mutual assistance. Hann (p.48) | July 10/19 |
| 6.10 | THESL: To advise what undertaking would show the cost per customer changes, the drivers that are associated with costs per customer. OEB Panel (p. 54) | July 10/19 |
| J1.1 | THESL: (Addendum): To provide updated information to undertaking J1.1 from Vol 1. (p51) | See J1.1 |
| 6.11 | THESL: To provide the technical conference transcript reference about vault maintenance and the number of inspections. OEB Panel (p 57) | July 10/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 6 July 8, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|---|------------|
| 6.12 | THESL: To provide the manner in which the PILs calculation is calculated and to explain how the capital cost allowance of the actual projects projected to go into rate base in each one of the years is considered in the tax calculation – or not considered which shows you the capital factor amount (Ex IB, tab 4, Sch 1). VECC (pp 159-160) | July 11/19 |
| Exhibit J | Oral Hearing- Volume 7 July 9, 2019 Undertakings and Responses | Date Rec'd |
| 7.1 | THESL: To confirm whether THESL's CDM assessment only included programs IESO has now indicated it will be continuing to fund for 2019 and 2020. VECC (p.14) | July 11/19 |
| 7.2 | THESL: To make best efforts to review the data in the CRRRVA calculation and reconcile plan and actual. VECC (p. 33) | July 11/19 |
| 7.3 | THESL: To calculate bill increases without rate riders for large users. AMPCO (p. 103) | July 11/19 |
| 7.4 | THESL: To provide an updated version of JTC4.6, Appendix A including the latest, best information. SEC (p. 135) | July 11/19 |
| 7.5 | THESL: To provide the satisfaction survey results or its location in the evidence. SEC (p. 136) | July 11/19 |
| 7.6 | THESL: To explain the derivation of the productivity analysis. VECC (p. 155) | July 11/19 |
| 7.7 | THESL: To explain the interplay of the ROE and the CRRRVA. SEC (p. 162) | July 11/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 8 July 11, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|---|------------|
| 8.1 | THESL: To provide the calculation for the G. Factor SEC (p1) | July 12/19 |
| 8.2 | THESL: To provide the number of the list of small and residential customers provided by Toronto Hydro to Mr. Lyle for the randomization sample. DRC (p6) | July 15/19 |
| 8.3 | THESL: To provide a summary of any data equivalent too the parameters left incomplete on the scorecard (page 39 of Exhibit K7.1, VECC compendium for Panel 3. EP (p37) | July 12/19 |
| 8.4 | THESL: To show the amount of over-collection, assuming the ratio of 103.2 versus 100 percent for the residential. EP (p48) | July 12/19 |
| 8.5 | THESL: To split out the components of revenue requirement from 2020 to 2024. Hann (p56) | July 12/19 |
| 8.6 | THESL: To provide specific information on the monthly data and the trend and how it resulted in the forecast of customers that was provided. OEB Panel (p74) | July 15/19 |
| 8.7 | THESL: To provide a forecast of volumetric versus customer using the using the customer data subset shown at Exhibit U, Tab 3, Schedule 1, Appendix A. OEB Panel (p84) | July 12/19 |
| 8.8 | THESL: To provide a scenario showing 2019 balances deferred for recovery and used in smoothing bill impacts for future years, to be recovered when audited balances were available. OEB panel (p92) | July 15/19 |
| 8.9 | THESL: With reference to Exhibit U-3-2, Appendix A, Account 4375 shared services recovery, to confirm whether the figure is a gross revenue number or net, and if gross, to provide the line item reference for the related shared services recovery amounts, if available. OEB Panel (p94) | July 12/19 |
| 8.10 | THESL: With reference to 1B-Staff-9, Appendix L, to advise whether unit cost information replacements were based on reactive instead of planned programs. SEC (p132) | July 15/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 8 July 11, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|---|--------------------------|
| 8.11 | THESL: To provide the reference to the undertaking where assets quantities are filed. AMPCO (p176) | July 12/19 |
| 8.12 | THESL: To check the density measurements in Figure 1B, showing U.S. vegetation density. Hann (p184) | July 12/19 |
| Exhibit J | Oral Hearing- Volume 9 July 12, 2019 Undertakings and Responses (Continued) | Date Rec'd |
| | | |
| 9.1 | THESL: To provide the specific spreadsheets and tabs in the working papers. EP (p 112) | July 15/19 |
| 9.1 9.2 | | July 15/19 July 15/19 |

| Exhibit J | Toronto Hydro-Electric System Limited EB-2018-0165 Oral Hearing- Volume 10 July 15, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
|--------------|--|------------|
| 10.1 | THESL: To answer the designated follow up question. Please explain what the hourly rates specifically reflect (i.e. median or average wage rate 8 within the job classification band)? SEC (Page 2) | July 15/19 |
| 10.2 | THESL: To answer the designated follow up question. For each of the listed job classifications, please provide Toronto Hydro's average actual 8 hourly base pay in 2017 (the same period as the analysis). The response should exclude overtime or any other type of compensation that is not directly comparable to the Toronto Hydro rates listed in the document. SEC (Page 2) | July 15/19 |
| 10.3 | THESL: To answer the designated follow-up question. For each of the listed job classification, how many on an FTE basis are employed by 8 Toronto Hydro? SEC (Page 2) | July 15/19 |
| 10.4 | PEG: Dr. Lowry: To re-run his model without the congested urban variable. OEB Panel (p 40) | July 26/19 |
| 10.5 | PEG: Dr. Lowry: To provide the calculations underlying the proposition that the supplemental stretch factor be 0.6 percent. SEC (p 69) | July 26/19 |
| 10.6 | PEG: Dr. Lowry: To look at the data provided by Toronto Hydro in IR 2B-Hann-52 to investigate what is the urban congested variable in light of this evidence. Hann (p 104) | July 26/19 |
| Exhibit J | Oral Hearing- Volume 11 July 16, 2019 Undertakings and Responses List (Cont'd.) | Date Rec'd |
| | n/a | |