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| **Exh. J** | **Union Gas Limited****EB-2015-0029****Enbridge Gas Distribution Inc.****EB-2015-0049****Technical Conference****DATE****July 6, 2015****Undertakings** | **Date Filed** |

UNDERTAKING NO. JT1.1: ENBRIDGE TO PROVIDE A WRITTEN RESPONSE TO LIEN Technical Conference QUESTIONS 2, 3, AND 4 UNDER THE ENBRIDGE HEADING.

UNDERTAKING NO. JT1.2: ENBRIDGE to ADVISE what percentage of low income multi-residential buildings in ENBRIDGE service territory have the air duct system versus the water heating system **Filed 07/09/2015**

UNDERTAKING NO. JT1.3: ENBRIDGE TO RESEARCH ON A BEST-EFFORTS BASIS AND ADVISE WHY LIC residential new construction project submission was unsuccessful in securing funding support from NRCan

UNDERTAKING NO. JT1.4: ENBRIDGE TO PROVIDE THE FORECAST FOR THE 2016-2020 PERIOD, WITH OVERTIME AS A percentAGE OF THE OVERHEAD BUDGET AND WHAT THE FORECAST IS IN ACTUAL NUMBERS FOR OVERTIME

UNDERTAKING NO. JT1.5: ENBRIDGE TO SUMMARIZE THE OFFERINGS THAT DO NOT COUNT DIRECT AND MEASURABLE CCM AS THE TARGET METRIC, RE EXHIBIT I.T3.EGDI.CME.3 PART (B) **Filed 07/09/2015**

UNDERTAKING NO. JT1.6: ENBRIDGE TO make best efforts to PROvide best available information in response to Exhibit I.3.EGDI.VECC 9 (a) and (B); ENBRIDGE to make best efforts to provide the numbers for the ccm program budget **Filed 07/09/2015**

UNDERTAKING NO. JT1.7: enbridge to provide on a best-efforts basis a response to topic 13, GEC 1, PDF pages 811, question 1(e)

UNDERTAKING NO. JT1.8: enbridge to provide on a best-efforts basis a response to topic 13, GEC 1, PDF pages 811, question 1(g)

UNDERTAKING NO. JT1.9: with reference to topic 3, GEC question 12, Page 293 of the PDF, ENBRIDGE TO PROVIDE on a best efforts basis, in the resource acquisition, the historic breakouts

UNDERTAKING NO. JT1.10: enbridge to clarify the answer to gec 15, part (a), sub (iv)

UNDERTAKING NO. JT1.11: enbridge TO MAKE BEST EFFORTS to provide further information on the market size as stated in the answer to gec 15, part (C), sub (iv) and (v)

UNDERTAKING NO. JT1.12: TO LOOK AT SOURCE DOCUMENTS TO SEE IF THE ANSWER IN PART (E) IN THE TABLE CAN BE DISAGGREGATED BY THE NUMBER OF PROJECTS AND AVERAGE SQUARE FEET, PERHAPS, FOR THOSE PROJECTS THAT MEET THE CRITERIA OF 50,000 SQUARE FEET OR MORE

UNDERTAKING NO. JT1.13: TO SPEAK WITH NAVIGANT TO SEE IF THEY COULD PROVIDE ANYTHING FURTHER ON THE SIZE OF THE MARKET AND THE BASE LINE MARKET SHARE

UNDERTAKING NO. JT1.14: with referEnce to Tab 5, GEC question 24, part (B), TO ELABORATE ON WHAT THE CHALLENGES ARE AND WHY THEY COULDN'T BE OVERCOME

UNDERTAKING NO. JT1.15: ENBRIDGE to provide more clarity as to what is going into the avoided gas costs for the numbers shown on B-2-5, page 3

UNDERTAKING NO. JT1.16: TO CONNECT WITH NAVIGANT AND RESPOND ACCORDINGLY RE: AVOIDED COSTS REVIEWED IN EBRO 492 AND 495, AND TO BREAK DOWN BY LOAD TYPE THE TRANSMISSION COSTS, AND TO IDENTIFY WHAT PORTION OF THOSE AVOIDED ENERGY COSTS ARE IN FACT COMMODITY VERSUS WHAT PORTION ARE AVOIDED TRANSMISSION, CAPITAL INVESTMENTS

UNDERTAKING NO. JT.17: TO PROVIDE A BREAKDOWN OF HOW THE VARIOUS PROJECTS WERE DEALT WITH, IN TERMS OF HOW MUCH OF EACH ACTUAL AND PROJECTED PROJECT THE COMPANY DECIDED WAS ATTRIBUTABLE TO LOAD GROWTH.

UNDERTAKING NO. JT1.18: ENBRIDGE to verify whether or not rate 125 volumes were included with reference to table 2 of Exhibit B, tab 2, schedule 4, at page 3.

UNDERTAKING NO. JT1.19: ENBRIDGE TO PROVIDE THE PRESCRIPTIVE C&I PROGRAMS, MEASURE-BY-MEASURE REBATE LEVELS THAT ARE PROPOSED, THAT WOULD BE PART OF THE BUDGETS. **Filed 07/09/2015**

UNDERTAKING NO. JT1.20: ENBRIDGE TO PROVIDE SOME CLARIFICATION AS TO WHY TRANSPORTATION COSTS OR SOME OF THE LOAD SHAPES FALL SO DRAMATICALLY BY THE STORAGE COSTS FOR SPACE AND WATER HEATING. ALSO TO PROVIDE THE INPUTS THAT WENT INTO THE SUPPLY TRANSPORTATION AND STORAGE COLUMNS IN THIS COST.

UNDERTAKING NO. JT1.21: ENBRIDGE To amend the response to provide monthly prices rather than annual prices

UNDERTAKING NO. JT1.22: ENBRIDGE TO explain better why the stock turnover would lead to shrinking numbers of units turning over each year

UNDERTAKING NO. JT1.23: TO PROVIDE COMMUNICATIONS of relevance BETWEEN THE COMPANY AND NAVIGANT

UNDERTAKING NO. JT1.23: enbridge to make best efforts to provide more information about the breakdown between transmission and distribution

UNDERTAKING NO. JT1.24:  percent allocation made between the merchant transmission and distribution

 **Filed 07/09/2015**

UNDERTAKING NO. JT1.25: ENBRIDGE TO PROVIDE A RESPONSE TO GEC IR 53 and 54

UNDERTAKING NO. JT1.26: ENBRIDGE TO PROVIDE A RESPONSE TO GEC IR 55, the capital budgets for 2008 to 2012

UNDERTAKING NO. JT1.27: ENBRIDGE TO PROVIDE A RESPONSE TO GEC IR 56

UNDERTAKING NO. JT1.28: ENBRIDGE TO CLARIFY THE response to part (c), indicatING that there was an error in the data given to Navigant, in terms of the reinforcement expenditures

UNDERTAKING NO. JT1.29: TO PROVIDE THE BREAKDOWN AND BASIS FOR the reinforcement projects in ottawa and the gta.

UNDERTAKING NO. JT1.30: TO PROVIDE THE DATE ON THE NYMEX FORECAST THAT WAS USED.

UNDERTAKING NO. JT1.31: ENBRIDGE TO PROVIDE THE DATE OF THE ANALYSIS, AND IF THE DATE OF THE ANALYSIS IS NOT CONSISTENT WITH ITS CURRENT OUTLOOK, TO EITHER IDENTIFY IF THERE WILL BE A MATERIAL DIFFERENCE OR RERUN IT WITH CURRENT PRICE FORECASTS IN PLACE.

UNDERTAKING NO. JT1.32: ENBRIDGE TO PROVIDE a hypothetical forecast of percentage reduction, plus or minus 10 percent, it WILL BE ABLE TO PROVIDE if it were not able to provide part 3 low income to the private sector because the customers aren't paying their bill directly

UNDERTAKING NO. JT1.33: ENBRIDGE TO PROVIDE ANSWERS TO THE QUESTIONS POSTED BY ENVIRONMENTAL DEFENCE on JULY 2nd, 2015

UNDERTAKING NO. JT1.34: ENBRIDGE to respond to questions ENVIRONMENTAL DEFENCE will provide in writing shortly

UNDERTAKING NO. JT1.35: WITH REFERENCE TO CCC IR T3.EGD.CCC.5, TO FURTHER BREAK DOWN THE CATEGORIES.

UNDERTAKING NO. JT1.36: TO PROVIDE A WRITTEN RESPONSE TO THE EIGHT QUESTIONS FROM ENERGY PROBE

UNDERTAKING NO. JT1.37: ENBRIDGE TO SUPPLY DOCUMENTs PREPARED FOR THE DEMAND SUPPLY WORKING GROUP

 **Filed 07/09/2015**

UNDERTAKING NO. JT1.38: to take the tables on pages 2 and 3 and just add the budget line for each year

UNDERTAKING NO. JT1.39: TO EXPLAIN WHY EACH ONE OF THESE FIGURES WAS INCREASED THE AMOUNT THAT IT WAS AND WHAT THE MARKET BARRIER WAS THAT WAS IDENTIFIED THAT REQUIRED INCREASING IT.

UNDERTAKING NO. JT1.40: TO PROVIDE FIGURES FOR PRIOR YEARS, TEC PLUS CONSULTATIVE.

UNDERTAKING NO. JT1.41: ENBRIDGE TO MAKE BEST EFFORTS TO PROVIDE THE E-TOOL USED TO CALCULATE THE 325 MILLION CUBIC METRES OF SAVINGS

UNDERTAKING NO. JT1.42: TO PROVIDE THE NUMBERS FOR THE BOILERS AND FILL IN ANY BLANKS THERE ARE UNDER THE UNITS COLUMN.

UNDERTAKING NO. JT1.43: ENBRIDGE TO PROVIDCE THE MONEY SPENT ON Run It Right and CEM

UNDERTAKING NO. JT1.44: TO PROVIDE THE 2013 AUDIT

 **Filed 07/09/2015**

UNDERTAKING NO. JT1.45: ENBRIDGE TO ADVISE WHAT other considerations besides payback were considered in the design of the eligibility requirements to minimize free ridership **Filed 07/09/2015**

UNDERTAKING NO. JT1.46: TO PROVIDE THE EXCERPT FROM THE AUDITOR REPORT RE: JURISDICTIONS **Filed 07/09/2015**

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| **Exh. J** | **Union Gas Limited****EB-2015-0029****Enbridge Gas Distribution Inc.****EB-2015-0049****Technical Conference****DATE****July 7, 2015****Undertakings** | **Date Filed** |

[UNDERTAKING NO. JT2.1: TO FILE A COPY OF THE 2008 CUSTOM PROJECTS ATTRIBUTION STUDY **Filed 07/09/2015**](#_Toc424063946)

[UNDERTAKING NO. JT2.2: UNION TO PROVIDE THE GROSS TRC NUMBER](#_Toc424063947)

[UNDERTAKING NO. JT2.3: TO PROVIDE SPECIFICS ON WHERE THE 30 NEW SINGLE-FAMILY OFFERINGS WILL BE LOCATED](#_Toc424063948)

 **Filed 07/09/2015**

[UNDERTAKING NO. JT2.4: TO PROVIDE THE COSTS OF LIABILITY INSURANCE THE DELIVERY AGENTS WOULD INCUR](#_Toc424063949)

[UNDERTAKING NO. JT2.5: UNION TO PROVIDE A COPY OF A EEA STUDY BY MR. SLOAN AND DR. LERNER](#_Toc424063950)

 **Filed 07/09/2015**

[UNDERTAKING NO. JT2.6: TO CLARIFY THE UNITS, WHETHER THEY ARE NOMINAL OR REAL; to clarify whether the costs are avoided T&D or just D](#_Toc424063951)

[UNDERTAKING NO. JT2.7: UNION TO DISAGGREGATE THE FIRST COLUMN OF COMMODITY ON PAGE 5, 6, and 7 on a best-efforts basis.](#_Toc424063952) **Filed 07/09/2015**

[UNDERTAKING NO. JT2.8: on a best-efforts basis, UNION TO CONFIRM THE STORAGE COST OF 19 cents per gigajoule; to indicate how those different components of storage charges were utilized in the calculation](#_Toc424063953)

 **Filed 07/09/2015**

[UNDERTAKING NO. JT2.9: UNION TO PROVIDE THE SPREADSHEET THAT EXPLAINS THE CALCULATION on page 4 of GEC.21](#_Toc424063954)

[UNDERTAKING NO. JT2.10: TO EXPLAIN HOW INTRA-MONTH VARIATION IS ACCOUNTED FOR IN THE SENDOUT MODEL](#_Toc424063955)

[UNDERTAKING NO. JT2.11: UNION TO provide SENDOUT model outputs on a best efforts basis](#_Toc424063956)

[UNDERTAKING NO. JT2.12: To confirm whether, wITHOUT the 15 percent non-energy BENEFIT adder, thE home reno rebate program is not TRC positive](#_Toc424063957)

[UNDERTAKING NO. JT2.13: UNION TO MAKE BEST EFFORTS TO confirm that the table referred to captures all volumes that are utilized in Ontario, exclusive of Enbridge, and does not capture volumes which would leave the province](#_Toc424063958) **Filed 07/09/2015**

[UNDERTAKING NO. JT2.14: UNION TO PROVIDE DOCUMENTATION SUPPORTING TARGETS IN AREAS OF per-unit rebates, total rebates per-measure, and non-rebate costs per program, unless that has already been provided elsewhere](#_Toc424063959)

[UNDERTAKING NO. JT2.15: UNION TO USE BEST EFFORTS TO OBTAIN ANY MARKET SIZE DATA THAT MARBEK DEVELOPED OR RELIED ON IN PROVIDING THEIR EARLIER STUDY FOR UNION.](#_Toc424063960)

[UNDERTAKING NO. JT2.16: UNION TO PROVIDE DATA IN A SINGLE EXCEL FILE FORMAT](#_Toc424063961)

[UNDERTAKING NO. JT2.17: UNION To replicate table 1 but split out what portion is O&M repair and what portion is O&M replacement](#_Toc424063962)

[UNDERTAKING NO. JT2.18: To advise where the principle came from](#_Toc424063963)

[UNDERTAKING NO. JT2.19: To provide the specific program areas being focused on at the discussions](#_Toc424063964)

[UNDERTAKING NO. JT2.16 (SUPPLEMENTAL): to ADVISE the actual average paid for 2012 to 2014, and budgeted average to be paid in 2016 to 2020](#_Toc424063965)

[UNDERTAKING NO. JT2.20: To confirm number of schools in school boardS](#_Toc424063966)

[UNDERTAKING NO. JT2.21: UNION To provide the proposal for the specific mechanics of the cost-effectiveness carryover](#_Toc424063967)

[UNDERTAKING NO. JT2.22: To provide answers to the questions in Mr. Shepherd's letter](#_Toc424063968)

[UNDERTAKING NO. JT2.23: UNION To ADVISE HOW THEY SCREEN OUR FREE RIDERS FROM THE RPROGRAMS](#_Toc424063969)