

Union Gas Limited - Cost of Service  
**EB-2011-0210**  
**TECHNICAL CONFERENCE**  
May 31, 2012

Undertakings filed

UNDERTAKING #	DESCRIPTION	DATE FILED
JT1.1:	TO ADVISE WHAT PROPORTION THE COMMODITY REPRESENTS OF TOTAL REVENUE	
JT1.2	TO PROVIDE BOTH EQUATIONS REFERRED TO IN THE RESPONSE, INCLUDING THE REGRESSION STATISTICS, AND ALL THE EXPLANATORY VARIABLES USED	
<b>JT1.3</b>	TO PROVIDE ACTUAL 2011 AND FORECAST 2012 AND 2013 FIGURES FOR EACH OF THE RESIDENTIAL EQUATIONS USED TO FORECAST THE RESIDENTIAL VOLUMES (Use and Volume shown as Eqn. 1 and 2)	
<b>JT1.4</b>	TO ADVISE WHETHER UNION COULD DISCONTINUE THE AVERAGE USE PER CUSTOMER DEFERRAL ACCOUNT OR SIMILAR ACCOUNT WHEN IT FILES A PROPOSAL FOR THE NEXT MULTI-YEAR INCENTIVE REGULATION PLAN; TO PROVIDE RESPONSES TO J.DV-4-1-1 PARTS (B) AND (C)	
<b>JT1.5</b>	TO PROVIDE DATA ON SPLIT FROM ATTACHMENT DATA FOR EACH YEAR OF 10-YEAR PERIOD.	
<b>JT1.6</b>	TO PROVIDE AN ACTUAL NUMERIC EXAMPLE OF EACH OF THE CATEGORIES TO SHOW HOW NET REVENUE IS CALCULATED; TO SHOW ALL THE COSTS ASSOCIATED WITH THE TRANSACTION	
<b>JT1.7</b>	TO ADVISE WHETHER UNION WILL INCLUDE A RAM FORECAST IN THE S&T FORECAST; SINCE THE FUTURE OF THE FT RAM PROGRAM IS UNKNOWN, DOES UNION AGREE THE DEFERRAL ACCOUNT FOR TRANSPORTATION EXCHANGE REVENUE IS WARRANTED	
<b>JT1.8</b>	TO PROVIDE HISTORIC NUMBERS AND BASIS FOR FORECAST	

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<b>JT1.9</b>	TO ADVISE HOW MUCH WAS TURNED BACK AND HOW MUCH WAS KEPT OVER THE PERIOD SHOWN IN THE TABLES	
<b>JT1.10</b>	TO EXPLAIN WHETHER THE SYSTEM HAS ABILITY TO SEPARATE OFF-PEAK STORAGE BALANCING THOSE SHORT-TERM ACCOUNTS.	
<b>JT1.11</b>	TO ADVISE WHETHER WASHINGTON 10 A RECEIPT POINT ON THE CHICAGO-TO-DAWN VECTOR CONTRACT; WHETHER THERE IS A DOCUMENTED PROCEDURE for capacity release	
<b>JT1.12</b>	TO PROVIDE A NUMERIC EXAMPLE FOR THE LAST THREE years THAT DEMONSTRATES THAT KEEPING THE SPACE EMPTY HAS SAVED RATEPAYERS MONEY	
<b>JT1.13</b>	TO EXPLAIN HOW YEAR-TO-DATE S&T REVENUE IS TRENDING, RELATIVE TO 2012 FORECAST.	
<b>JT1.14</b>	TO PROVIDE THE UPDATED SUMMARY STATISTICS TABLE FOR EACH OF THE NORTHERN AND SOUTHERN ZONES	
<b>JT1.15</b>	TO PROVIDE REVENUE DIFFERENCES BETWEEN SCENARIOS AND 20-YEAR TREND-BASED REVENUES	
<b>JT1.16</b>	TO PROVIDE NUMBER OF M1 AND M2 CUSTOMERS THAT ARE MANUFACTURERS.	
<b>JT1.17</b>	TO PROVIDE OVERRUN FORECAST FOR ALL MARKETS	
<b>JT1.18</b>	TO CLARIFY THE EXTENT TO WHICH SERVICES WERE USED AFTER NGEIR TO OPTIMIZE THE VALUE OF DISINTEGRATED ASSETS; TO PROVIDE A LIST OF THE ITEMS THAT WERE AVAILABLE BEFORE NGEIR, A LIST OF THE ITEMS THAT ARE AVAILABLE AND USED AFTER NGEIR TO OPTIMIZE BOTH UTILITY AND NON-UTILITY,	

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	AND A LIST OF THE SERVICES THAT UNION IS PROPOSING TO APPLY IN 2013 AND BEYOND TO OPTIMIZE THE VALUE OF THE UTILITY AND NON-UTILITY PORTIONS OF INTEGRATED STORAGE ASSETS; TO ADVISE WHETHER UNION CAN PROVIDE ANY OF THESE SERVICES LISTED IN ATTACHMENT 1 FOR A PERIOD OF TWO years OR MORE; INCLUDING MULTIYEAR GAS LOANS	
<b>JT1.19</b>	TO BREAK OUT ACTIVITIES FOR BLUEWATER TO DAWN ST. CLAIR TO DAWN.	
<b>JT1.20</b>	RE PIGGING, TO ADVISE WHETHER "PRACTICAL" MEAN FEASIBLE OR COST-EFFECTIVE	
<b>JT1.21</b>	TO CONFIRM there were no capital expenditures for station asset integrity from 2007 to 2010	
<b>JT1.22</b>	to PROVIDE LIST OF ALL PROJECTS TO IMPROVE EFFICIENCY.	
<b>JT1.23</b>	TO PROVIDE CALCULATION OF THE 10.3 percent NUMBER.	
<b>JT1.24</b>	TO CONFIRM THAT WHEN PHANTOM STOCK IS CASHED IN AND PAID OUT TO THE EMPLOYEE, THAT the AMOUNT IS TREATED LIKE ANY OTHER BONUS YOU WOULD PAY TO THE EMPLOYEE AND IS DEDUCTIBLE	
<b>JT1.25</b>	TO DISAGGREGATE THE 27,496 million	
<b>JT1.26</b>	TO PROVIDE CALCULATIONS FOR THRESHOLD TEST.	
<b>JT1.27</b>	TO PROVIDE RELEVANT SECTION OF USGAAP FOR UTILITIES	
<b>JT1.28</b>	TO CLARIFY IMPACT TO THE ALLOCATION OF REGULATED VERSUS UNREGULATED	
<b>JT1.29</b>	TO ADVISE NUMBER OF POTENTIAL CONVERSION CUSTOMERS IN RED LAKE	
<b>JT1.30</b>	TO ADVISE WHETHER UNION INTENDS TO ADOPT ANY OR ALL OF THE RECOMENDATIONS OUTLINED IN "ASSET MANAGEMENT STRATEGY	

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	ASSESSMENT" BY VESTA PARTNER PROVIDED AS IR NO. J.B-4-1-13, ATTACHMENT 1	
<b>JT1.31</b>	TO ADVISE THE NUMBER OF PLANNERS AT UNION; TO COMMENT ON ASSESSMENT OF UNION'S SUCCESSION PLANNING	
<b>JT1.32</b>	TO EXPLAIN \$5.6 million ADJUSTMENT IN SEC IR J.O-4-15-1	
<b>JT1.33</b>	NOTWITHSTANDING WHAT COULD OCCUR, TO CALCULATE UNAUTHORIZED OVERRUN PENALTIES THAT COULD ACCRUE FOR THE AMOUNT OF SPACE AND DELIVERABILITY OVERRUNS IN THE NON-UTILITY BUSINESS IN OCTOBER OF 2011	
<b>JT1.34</b>	TO RESPOND FRPO Technical Conference Question REF: J.B-8-10-2, Attachment 1, line 3 (first three parts)	
<b>JT1.35</b>	TO RESPOND FRPO Technical Conference Question REF: J.B-8-10-2, Attachment 1, line 3 (part 4)	
<b>JT1.36</b>	TO RESPOND FRPO Technical Conference Question REF: J.B-8-10-2, Attachment 1, line 3 (PART 5)	
<b>JT1.37</b>	TO RESPOND TO FRPO Technical Conference Question B.8, REF: J.B-8-10-2, Attachment 1, line 13	
<b>JT1.38:</b>	TO RESPOND TO FRPO Technical Conference Question, REF: J.B-8-10-2, Attachment 1, line 19	
<b>JT.1.39</b>	TO EXPLAIN APPLICATION OF ALLOCATION TO GENERAL PROJECTS (FRPO TECHNICAL CONFERENCE QUESTION B.8, REF: J.B-8-10-2, ATTACHMENT 1, LINE 142-147)	
<b>JT.1.40</b>	TO RESPOND TO ALL QUESTIONS REFERRED TO UNDER FRPO TECHNICAL CONFERENCE QUESTION B.8, REF: J.B-8-10-2, ATTACHMENT 1, LINE 142-147	
<b>JT1.41</b>	TO CONFIRM BASIS FOR COST ALLOCATION	
<b>JT1.42</b>	TO ATTEMPT TO DISAGGREGATE "SERVICE CONTRACTORS" LINE.	

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<b>JT1.43</b>	TO CONFIRM THAT ALL FIVE MEMBER-SPECIFIC PROJECT INVESTMENTS WERE DONE INTERNALLY AT UNION AS PART OF THE UTILITY.	
<b>JT1.44</b>	TO CONFIRM WHETHER ETIK IS REIMBURSING FOR UNION STAFF TIME ON ETIK WORK; TO GIVE A PROJECTION OF COSTS FOR TEST YEAR.	
<b>JT1.45</b>	TO CONFIRM HOW MANY ETIK DELIVERABLES ARE DONE AND HOW MANY ARE IN PROGRESS.	
<b>JT1.46</b>	to PROVIDE A BREAKDOWN OF ALL AMOUNTS EXPECTED TO BE PAID BY ETIK TO CGA FOR ANY SERVICES BEING PROVIDED BY CGA, WHETHER FROM THIRD PARTIES OR FROM CGA INTERNALLY.	
<b>JT1.47</b>	TO PROVIDE REGULATORY ASK PAPER TO CONFIRM WHETHER MONEY GOING TO ETIK IS INDIRECTLY A LOBBYING ACTIVITY.	
<b>JT1.48</b>	TO PROVIDE DETAILS OF THE INTEGRATED COMMUNITY ENERGY SYSTEMS PROJECT.	
JT1.49	TO PROVIDE UNREDACTED TOWERS PERRIN REPORT	
JT1.50	TO CONFIRM NUMBER OF CONSUMER ADVOCATE CLIENTS OF UNION'S WITNESS MR. FETTER	
JT1.51	TO PROVIDE ENBRIDGE'S ETIK CONTRIBUTION PLANS	
JT1.52	TO RECONCILE THE DIFFERENCE IN PENSION AND BENEFITS ON PAGE 28 AND PAGE 3	
JT1.53	TO PROVIDE THE NUMBER ELIGIBLE FOR LTIP FROM 2007 TO 2011	
<b>JT1.54</b>	TO ADVISE ON ENGINEERING WORK DONE IN-HOUSE VERSUS OUTSIDE	
<b>JT1.55</b>	TO CONFIRM IF UNION ACCEPTS THAT ITS FINANCIAL AND BUSINESS RISK HAVE EITHER	

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<b>JT1.56</b>	REMAINED UNCHANGED OR HAVE DECLINED SINCE LAST ANALYZED BY DR. CARPENTER OF THE BRATTLE GROUP.  IN J.O-4-4-2, TO IDENTIFY FOR EACH YEAR THE AMOUNT ATTRIBUTABLE TO EACH OF THE THREE FACTORS that contributed to overearnings	
<b>JT1.57</b>	FOR THE DATA PROVIDED ON PAGES 1 TO 6 OF ATTACHMENT 1, TO GRAPH THE DOLLARS PER FTE FOR THE FIVE CATEGORIES OF EMPLOYEE AVERAGE YEARLY COMPENSATION FROM 2007 TO 2013.	