

ORIGINAL	
N.H.P.U.C. Case No.	<i>DE 10-055</i>
Exhibit No.	<i>#1</i>
Witness	<i>Panel 1</i>
DO NOT REMOVE FROM FILE	

Unitil Energy Systems, Inc.

COMPUTATION OF REVENUE DEFICIENCY AND REVENUE REQUIREMENT FOR TEMPORARY RATES
12 Months Ended December 31, 2009

LINE NO.	(1) DESCRIPTION	(2) REFERENCE	(3) AMOUNT
1	RATE BASE	2009 5 QUARTER AVERAGE	\$ 128,558,169
2	RATE OF RETURN ¹	CURRENT ALLOWED OVERALL RETURN	8.370% Schedule MHC-13 Page 2 of 3
3	INCOME REQUIRED	Line 1 * Line 2	10,760,319
4	ADJUSTED NET OPERATING INCOME	ACTUAL 2009 RESULTS-NET of PROFORMA ADJ.	6,751,461 Schedule MHC-13 Page 3 of 3
5	DEFICIENCY	Line 3 - Line 4	4,008,858
6	INCOME TAX EFFECT	Line 7 - Line 5	<u>2,732,037</u>
7	REVENUE DEFICIENCY FOR TEMPORARY RATES	1.6815 (Schedule RevReq-1-1) * Line 5	<u>\$ 6,740,895</u>

¹ Assumes current rate case capital structure and debt costs. ROE set at 9.67% currently allowed in rates

Unitil Energy Systems, Inc.
WEIGHTED COST OF CAPITAL
December 31, 2009 Pro forma ROE Set at Currently Authorized

Unitil Energy Systems, Inc.
 Docket No. DE 10-055
 Schedule MHC-13
 Page 2 of 3

LINE NO.	(1) DESCRIPTION	(2) AMOUNT	(3) PROFORMA ADJUSTMENT	(4) PROFORMED AMOUNT	(5) WEIGHT	(6) COST OF CAPITAL	(7) WEIGHTED COST OF CAPITAL	(8) REFERENCE
1	COMMON STOCK EQUITY	\$ 58,496,154	\$ 5,000,000	\$63,496,154	44.2%	9.67%	4.27%	Amount Currently Authorized
2	PREFERRED STOCK EQUITY	225,000		225,000	0.2%	6.00%	0.01%	Schedule RevReq 6-1 and 6-3
3	LONG TERM DEBT	65,000,000	15,000,000	80,000,000	55.7%	7.35%	4.09%	Schedule RevReq 6-1 and 6-4
4	SHORT TERM DEBT	11,169,953	(11,169,953)	-	0.0%			Schedule RevReq 6-1 and 6-5
5	TOTAL	<u>\$ 134,891,107</u>	<u>\$ 8,830,047</u>	<u>\$ 143,721,154</u>	<u>100.0%</u>		<u>8.37%</u>	

