

UNITIL ENERGY SYSTEMS, INC.

DIRECT TESTIMONY OF  
FRANCIS X. WELLS

New Hampshire Public Utilities Commission

Docket No.: DE 10-

June 17, 2010

**0040**

TABLE OF CONTENTS

I.	INTRODUCTION	Page 1
II.	SUMMARY OF TESTIMONY	Page 2
III.	STRANDED COST CHARGE COSTS	Page 2
IV.	EXTERNAL DELIVERY CHARGE COSTS	Page 8

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**0043**

## TABLE OF CONTENTS

I.	INTRODUCTION	Page 1
II.	SUMMARY OF TESTIMONY	Page 2
III.	STRANDED COST CHARGE COSTS	Page 2
IV.	EXTERNAL DELIVERY CHARGE COSTS	Page 8
V.	UPC COSTS AND REVENUES	Page 18
VI.	CONCLUSION	Page 18

## LIST OF SCHEDULES

Attachment FXW-1: Excerpted Pages from the ISO Tariff

Schedule FXW-1: Stranded Cost Charge Costs

Schedule FXW-2: External Delivery Charge Costs

Schedule FXW-3: Contract Release Payments and Administrative Service Charges

Schedule FXW-4: Unitil Power Corp. Cost and Revenue Model

Schedule FXW-5: HQ Payments and Revenues

1 **I. INTRODUCTION**

2 Q. Please state your name and business address.

3 A. My name is Francis X. Wells. My business address is 6 Liberty Lane West,  
4 Hampton, NH.

5

6 Q. For whom do you work and in what capacity?

7 A. I am employed by Unitil Service Corp. ("USC") as Senior Energy Trader. USC  
8 provides management and administrative services to Unitil Energy Systems, Inc.  
9 ("UES") and Unitil Power Corp. ("UPC").

10

11 Q. Please summarize your educational background and professional qualifications.

12 A. I received my Bachelor of Arts Degree in both Economics and History from the  
13 University of Maine in 1995. I joined USC in September 1996 as an Analyst,  
14 assisting in the planning and operation of both electric power and natural gas  
15 supply portfolios. Since January 2001 I have worked as a Senior Energy Trader  
16 in the Energy Contracts Department. I have responsibilities in the area of energy  
17 supply acquisition, including default service purchasing, regulatory reporting,  
18 budgeting, and long-term supply planning.

19

20 Q. Have you previously testified before the Commission?

21 A. Yes. I have testified on numerous occasions before the Commission.

22

1 **II. SUMMARY OF TESTIMONY**

2 Q. Please summarize your testimony in this proceeding.

3 A. I will present and explain the cost data and underlying reasons for the proposed  
4 changes to UES' Stranded Cost Charge ("SCC"), and External Delivery Charge  
5 ("EDC"), effective August 1, 2010. Ms. Linda S. McNamara presents the  
6 reconciliation for the SCC and EDC through July 2010 and the rate development  
7 for the SCC and EDC for the period beginning August 1, 2010 and ending July  
8 31, 2011, based on the cost data I discuss in my testimony.

9

10 **III. STRANDED COST CHARGE COSTS**

11 Q. What costs are included in the SCC?

12 A. The SCC includes the Contract Release Payments ("CRP") from Unitil Power  
13 Corp., charged in accordance with the Amended Unitil System Agreement,  
14 approved by both the Commission in Docket No. 01-247 and by the FERC.

15

16 Schedule FXW-1, page 1, provides a description of the CRP. Page 2 provides the  
17 CRP by month reflecting actual data from August 2008 through April 2010 and  
18 estimated data from May 2010 through July 2011.

19

20 Q. Please describe the Amended Unitil System Agreement.

21 A. The purpose of this Amended Unitil System Agreement was to restructure UES'  
22 power supply in order to implement retail choice. Prior to the implementation of

1 the Amended Unitil System Agreement on May 1, 2003, UES purchased full-  
2 requirements power supply from UPC at fully reconciling, cost-of-service rates.

3  
4 The Amended Unitil System Agreement provides for termination of power sales  
5 from UPC to UES and the payment of UPC's on-going costs by UES. These on-  
6 going costs are defined in the Amended Unitil System Agreement as either CRP  
7 or Administrative Service Charges ("ASC"). UES recovers the CRP through the  
8 SCC and the ASC through the EDC. I will discuss the ASC later in my testimony  
9 when I discuss the EDC costs.

10  
11 Q. Please describe the CRP.

12 A. The CRP is calculated in accordance with Appendix 1 of the Amended Unitil  
13 System Agreement. The CRP is equal to the sum of the Portfolio Sales Charge,  
14 the Residual Contract Obligations, the Hydro-Quebec Support Payments, and  
15 True-Ups from Prior Periods.

16  
17 The Portfolio Sales Charge is equal to the specified monthly payment stream made by  
18 UPC to Mirant Energy Trading, LLC ("MET"), pursuant the Mirant Agreement,  
19 which continues through October 2010. The Mirant Agreement provides for the

1 transfer of most of UPC's purchase power obligations to MET in exchange for fixed  
2 monthly payments from UPC.<sup>1</sup>

3  
4 UPC's Residual Contract Obligations included contract buyout payments, which pre-  
5 existed the restructuring of the portfolio through the Mirant Agreement. The final  
6 contract buyout payment obligation was the Indeck contract buyout, which UPC  
7 completed in September 2009. The CRP estimates in this filing include no Residual  
8 Contract Obligations.

9  
10 The HQ Phase II Agreements require UPC to support the HQ Phase II facilities  
11 through October 2020. These facilities are part of one high-voltage, direct-current  
12 ("HVDC") interconnection between New England and Quebec. UPC has no  
13 obligation to support Phase I of these facilities. Currently, the costs for the  
14 maintenance and construction of these facilities are paid by Interconnection Rights  
15 Holders ("IRH") through support agreements between the IRH members and the  
16 owners of the HVDC transmission facilities. The Hydro-Quebec Support Payments  
17 include all costs incurred by UPC pursuant to the Hydro-Quebec Phase II  
18 Agreements, offset by any revenues received by UPC for sales of UPC's Hydro-  
19 Quebec Phase II entitlement. The Hydro-Quebec Support Payments are not a known  
20 payment stream because they are based on the cost-of-service of the Hydro-Quebec

---

<sup>1</sup> The Mirant Agreement refers to the Portfolio Sale and Assignment and Transition Service and Default Service Supply Agreement by and among UPC, UES, and Mirant Americas Energy Marketing, LP. The Mirant Agreement was effective May 1, 2003 and also provided for the sale of Transition and Default Service power to UES through April 2006. Effective February 1, 2006, the Mirant Agreement was transferred to Mirant Energy Trading, LLC.

1 Phase II transmission facilities, which are offset by the short-term sales of  
2 transmission rights and capacity rights UPC acquires in return for the Hydro-Quebec  
3 Support Payments.

4  
5 The True-Ups from Prior Periods reflect any differences in costs resulting from  
6 the reconciliation of estimated costs to actual costs under the CRP component of  
7 the Amended Unitil System Agreement. The True-Ups from Prior Periods also  
8 provides for the reconciliation of costs billed to UPC for services purchased in  
9 UPC's performance of the Unitil System Agreement, prior to May 1, 2003. The  
10 CRP estimates in the current filing reflect no True-Ups from Prior Periods.

11  
12 Q. Please provide an estimate of each of the components of the CRP.

13 A. Details regarding the CRP are provided in Schedule FXW-3. I present the actual  
14 itemized CRP and ASC charges as billed by UPC to UES for the period beginning  
15 August 2008 through April 2010 under the Amended Unitil System Agreement.  
16 Beginning on page 3 of Schedule FXW-3, estimated CRP and ASC for the 15-  
17 month period beginning May 2010 and ending July 2011 are presented. UPC bills  
18 UES on estimated data, prior to the beginning of the month of service. These  
19 estimates are trued-up to actuals on a two-month lag.

20  
21 Q. Please provide a comparison of the estimated CRP for the upcoming SCC rate  
22 period (August 2010 through July 2011) to the projected CRP for the current SCC  
23 rate period (August 2009 through July 2010).

1 A. In Table 1, below, I provide a comparison of the estimated CRP for the upcoming  
2 SCC rate period (August 2010 through July 2011) to the projected actual CRP for  
3 the current SCC rate period (August 2009 through July 2010).

Line No.	Line Item Description	Aug 2009 - July 2010 9 Months Act. and 3 Months Est.	Aug 2010 - July 2011 Estimate	Variance (Aug 2010 - July 2011 Costs minus Aug 2009 - July 2010 Costs)
1.	Portfolio Sales Charge	\$4,800,000	\$1,200,000	(\$3,600,000)
2.	Residual Contract Obligations	\$744,333	\$0	(\$744,333)
3.	Hydro-Quebec Support Payments	\$139,482	\$110,796	(\$28,686)
4.	Subtotal (L. 2 through 4)	\$5,683,815	\$1,310,796	(\$4,373,019)
5.	True-up for estimate	(\$5,330)	\$0	\$5,330
6.	Obligations prior to May 1, 2003	\$0	\$0	\$0
7.	Total Contract Release Payments as billed by Unitil Power Corp.	\$5,678,485	\$1,310,796	(\$4,367,689)

4

5 At the time of the preparation of this estimate of the CRP, actual CRP expense  
6 data was available through April 2010. As such, the projected actual CRP for the  
7 current SCC rate period (August 2009 through July 2010) presented in Table 1 is  
8 comprised of nine months of actual data and three months estimated data.

9 Q. Please explain the expected significant decreases in costs for Portfolio Sales  
10 Charge and Residual Contract Obligations.

11 A. The Portfolio Sales Charge will decrease \$3.6 million because UPC's payment  
12 obligations under the Mirant Agreement will be completed after October 2010.  
13 The current rate period (August 2009 through July 2010) includes a complete year  
14 of Portfolio Sales Charge payments under the Mirant Agreement. Residual  
15 Contract Obligations will decrease from approximately \$744 thousand to zero  
16 because UPC no longer has power contract buyout obligations, as discussed

1 previously. The current SCC rate period (August 2009 through July 2010)  
2 included payments to Indeck through September 2009.

3  
4 Q. Please provide a report on the efforts by UPC to mitigate the stranded cost  
5 associated with the HQ Phase II Agreements.

6 A. UPC mitigates these costs through short-term sales of the transmission rights and  
7 capacity, which UPC is entitled to through its support of the HQ Phase II  
8 facilities. Currently, UPC resells its transmission rights on a short-term basis  
9 through a brokering agreement with Central Vermont Public Service Corporation  
10 (“CVPS”). Under this brokering agreement, CVPS offers UPC’s transmission  
11 rights associated with the HQ Phase II facilities for sale on a short-term basis  
12 through the CVPS’ OASIS website. CVPS has authority under this agreement to  
13 enter into binding sales of UPC’s HQ transmission rights for transactions of one  
14 month or less in duration. UPC also has rights to Hydro-Quebec Interconnection  
15 Capability Credit (“HQICC”), pursuant to the ISO Tariff. UPC sells this capacity  
16 through the ISO New England Inc. settlement process. Please refer to Schedule  
17 FXW-5 for an itemized costs and revenue offsets, related to the HQ Phase II  
18 Support Agreements.

19  
20 Q. Please provide an update of the Mirant Agreement.

21 A. Mirant has previously fulfilled the contractual obligations of each contract in the  
22 UPC portfolio, which was transferred to Mirant from UPC under the Mirant

1 Agreement. UPC's payments to Mirant under the Mirant Agreement continue  
2 through October 2010.

3  
4 **V. EXTERNAL DELIVERY CHARGE COSTS**

5 Q. What costs are included in the EDC?

6 A. Schedule FXW-2, page 1 provides a description of the costs included in the EDC:

7 1) Third Party Transmission Providers (NU Network Integration Transmission  
8 Service); 2) Regional Transmission and Operating Entities; 3) Third Party  
9 Transmission Providers (NU Wholesale Distribution); 4) Transmission Based  
10 Assessments and Fees; 5) Load Estimation and Reporting System Costs; 6) Data  
11 and Information Services; 6) Legal Charges; 7) Consulting Outside Service  
12 Charges; 8) Administrative Costs associated with the Renewable Source Option  
13 program, and, 9) Administrative Service Charges.

14  
15 I would like to expand on the descriptions of items 1), 2), and 3) of the Schedule.

16  
17 The Third Party Transmission Providers (NU Network Integration Transmission  
18 Service) component of the EDC consists of Network Integration Transmission  
19 Service taken by UES and provided by the Northeast Utilities Companies  
20 pursuant to Schedule 21-NU of the ISO New England Inc. Transmission, Markets  
21 and Services Tariff (FERC Electric Tariff No.3) ("ISO Tariff").  
22

1 The Regional Transmission and Operating Entities component of the EDC  
2 consists of all charges from ISO New England Inc. ("ISO"). These charges consist  
3 primarily of Regional Network Service, taken pursuant to the ISO Tariff. Other  
4 major costs (which are also billed by the ISO to UES) are various ancillary  
5 services allocated to transmission customers, such as VAR support, dispatch  
6 service, and black-start capability.

7  
8 The Third Party Transmission Providers (NU Wholesale Distribution) component  
9 consists of Distribution Delivery Service ("DDS") charges with NU. DDS  
10 compensates Public Service Company of New Hampshire for the wheeling of  
11 power from the NU transmission system to UES' distribution system over certain  
12 facilities, which are classified as distribution facilities for accounting purposes  
13 and therefore not included in the NU transmission system rate base.

14  
15 Q. Please provide the External Delivery cost data, which was utilized in the  
16 calculation of the EDC.

17 A. Schedule FXW-2 provides the External Delivery cost data used in the calculation  
18 of the EDC. Page 2 provides actual historic External Delivery cost data for the  
19 year beginning August 2008 through July 2009. Actual External Delivery cost  
20 data for the months August 2008 through April 2009 was included in UES' last  
21 rate and reconciliation filing, Docket No. DE 09-115. In Docket No. DE 09-115,  
22 UES provided estimated External Delivery costs for May 2009 through July 2009.  
23 Rather than present partial data beginning with May 2009, UES is presenting the

1 full period. Page 3 of Schedule 2 provides External Delivery cost data for the  
2 current EDC rate period, August 2009 through July 2010. Actual cost data is  
3 available through April 2010, and estimated cost data is provided for May 2010  
4 through July 2010. Finally, page 4 of Schedule FXW-2 provides estimated  
5 External Delivery costs for the upcoming EDC rate period, August 2010 through  
6 July 2011.

7  
8 Q. Please provide a comparison of the External Delivery costs for the upcoming  
9 EDC rate period (August 2010 through July 2011) to the projected External  
10 Delivery costs for the current EDC rate period (August 2009 through July 2010).

11 A. Please refer to the Table 2 on the next page for an itemized comparison of  
12 estimated External Delivery cost for the upcoming EDC rate period to the  
13 projected External Delivery costs for the current rate period.

1

Table 2. Comparison of Estimated External Delivery costs for August 2010 through July 2011 to projected External Delivery costs for August 2009 through July 2010				
Unitil Energy Systems, Inc.				
Line No.	Line Item Description	Aug 2009 - July 2010 9 Months Act. and 3 Months Est.	Aug 2010 - July 2011 Estimate	Variance (Aug 2010 - July 2011 Costs minus Aug 2009 - July 2010 Costs)
1.	Third Party Transmission Providers (NU Network Integration Transmission Service)	\$1,958,771	\$957,959	(\$1,000,812)
2.	Regional Transmission and Operating Entities	\$13,077,122	\$14,514,024	\$1,436,902
3.	Third Party Transmission Providers (NU Wholesale Distribution)	\$2,777,988	\$2,767,451	(\$10,538)
4.	Transmission-based Assessments and Fees	\$2,500	\$2,500	\$0
5.	Load Estimation and Reporting System Costs	\$126,719	\$127,200	\$481
6.	Data and Information Services	\$16,250	\$15,000	(\$1,250)
7.	Legal Charges	\$12,971	\$16,944	\$3,973
8.	Consulting Outside Service Charges	\$0	\$3,000	\$3,000
9.	Administrative Service Charges	(\$8,489)	(\$10,894)	(\$2,405)
10.	Administrative Costs - Renewable Source Option	\$0	\$50,000	\$50,000
11.	Total External Delivery Costs	\$17,963,832	\$18,443,183	\$479,352

2

3 Q. Please explain the projected increase in External Delivery costs of approximately  
4 \$400 thousand for the upcoming EDC rate period (August 2010 through July  
5 2011) over the current EDC rate period (August 2009 through July 2010).

6 A. The increase in External Delivery costs for the upcoming EDC rate period is  
7 caused by an increase in Regional Network Service costs, as reflected by a  
8 projected \$1.4 million increase in Regional Transmission and Operating Entities

1 line item of UES' estimated External Delivery costs. The increase in Regional  
2 Transmission costs are partially offset by a decrease of approximately \$1 million  
3 in NU Network Service costs.  
4

5 Q. Why are Regional Network Service costs expected to increase?

6 A. The increase in Regional Network Service costs is the 13% increase in the  
7 Regional Network Service rate effective June 1, 2010. Regional Network Service  
8 rates are increasing because of projected higher revenue requirements for  
9 Regional Transmission facilities due to a continuing trend of increased  
10 transmission construction, the true-up of the projected 2009 revenue requirement  
11 to the actual 2009 revenue requirement and lower projected 2010 billing  
12 determinants due to low 2009 RNS monthly peak billing determinants.  
13

14 Q. Why are NU Network Service costs expected to decrease?

15 A. \$1.4 million of the total \$1.9 million of NU Network Service costs for the current  
16 EDC rate period (August 2009 through July 2010) are due to Northeast Utilities'  
17 true-up of its projected 2009 revenue requirement to the actual 2009 revenue  
18 requirement. I have learned through discussions with Northeast Utilities that  
19 approximately 75% of the true-up was due to a lower than expected RNS revenue  
20 from the ISO New England for 2009 due to the lower monthly peak billing  
21 determinants. The estimate for NU Network Service for the current EDC rate  
22 period (August 2010 through July 2011) reflects an expectation that NU's RNS  
23 revenue from the ISO New England will return to a more normal level, resulting

1 in lower revenue requirement for its local network service customers, such as  
2 UES.

3

4 Q. Does UES plan to provide the Commission an update of its estimate for External  
5 Delivery costs?

6 A. Yes. Please note that the Regional Network Service rates and the NU Network  
7 Service revenue requirement used in the preparation of this filing are estimates  
8 and have not been finalized. When the RNS and NU Network Service rates are  
9 finalized, I will update the forecast of External Delivery costs.

10

11 Q. What legal and consulting costs does UES expect to incur under the EDC?

12 A. I estimate that UES will incur approximately \$17,000 in legal costs and \$3,000  
13 for consulting costs for the upcoming EDC rate period (August 2010 through July  
14 2011). Legal costs include UES' estimates for monitoring FERC issuances and  
15 rulemakings and compliance with FERC's electronic tariff requirements. UES  
16 expects to incur consulting costs in order to comply with FERC's electronic tariff  
17 requirements. EDC legal costs estimate excludes any charges directly related to  
18 the design and implementation of Default Service supply. Any legal costs  
19 associated with procurement of Default Service are recovered through the Default  
20 Service Charge, in accordance with the settlement agreement approved in DE 05-  
21 064.

22

1 Q. Please support the inclusion of \$50,000 for Renewable Source Option  
2 Administrative Costs in your estimate of External Delivery costs.

3 A. The Commission approved the recovery of implementation and administrative  
4 costs associated with UES' Renewable Source Option, approved by the  
5 Commission in Order No. 25,102 in Docket No. DE 09-224. First year  
6 administrative costs of the program were capped at \$50,000 under the partial  
7 settlement, approved by the Commission in this Order.

8  
9 Q. Please provide the detail behind the estimate for the Administrative Service  
10 Charge.

11 A. Details regarding the ASC are provided in Schedule FXW-3 on lines 10 through  
12 18. The ASC includes any costs incurred by UPC, relative to UPC's obligations  
13 under the Amended Unitil System Agreement, which are not otherwise assigned  
14 or assumed by UES. These costs include NEPOOL, ISO, and RTO costs, as well  
15 as legal, consulting, and other outside services. It does not include any internal  
16 costs of USC, UES or UPC.

17  
18 Q. Please provide a comparison of projected actual External Delivery costs to the  
19 estimated External Delivery costs provided to the Commission in DE 09-115.

20 A. The current EDC rate was based upon estimated costs for the period May 2009  
21 through July 2010, which were provided to the Commission in DE 09-115.  
22 Estimated costs for May 2009 through July 2009 were used to estimate the  
23 beginning balance of the EDC as of August 1, 2009 when the current EDC rate

1           took effect. The estimated beginning balance of the currently effective EDC was  
2           added to the estimated External Delivery costs for the current EDC rate period  
3           (August 2009 through July 2010) in order to estimate the total costs to be  
4           collected through the currently effective EDC. Table 3, below, provides a  
5           comparison of the projected actual External Delivery costs to the estimates  
6           provided in DE 09-115. Please note that the projected actual costs include 12  
7           months of actual costs, May 2009 through April 2010, and 3 months of updated  
8           estimated costs, May 2010 through July 2010.

1

Table 3. Comparison of EDC Estimated Costs to Actual Costs Unitil Energy Systems, Inc.				
Line No.	Line Item Description	May 2009 - July 2010  Estimate provided in DE 09-115	May 2009 - July 2010  9 Months Act. and 3 Months Est.	Variance (Projected Actual Costs minus Estimated Costs)
1.	Third Party Transmission Providers (NU Network Integration Transmission Service)	\$665,031	\$2,385,532	\$1,720,501
2.	Regional Transmission and Operating Entities	\$17,537,706	\$16,128,656	(\$1,409,050)
3.	Third Party Transmission Providers (NU Wholesale Distribution)	\$3,679,545	\$3,493,846	(\$185,699)
4.	Transmission-based Assessments and Fees	\$2,000	\$4,955	\$2,955
5.	Load Estimation and Reporting System Costs	\$157,500	\$158,248	\$748
6.	Data and Information Services	\$18,750	\$18,750	\$0
7.	Legal Charges	\$74,500	\$18,680	(\$55,820)
8.	Consulting Outside Service Charges	\$0	\$0	\$0
9.	Administrative Service Charges	(\$34,735)	(\$12,377)	\$22,358
10.	Total External Delivery Costs	\$22,100,297	\$22,196,290	\$95,993

2

3 Q. Please explain why Regional Transmission and Operating Entities (Regional  
4 Network Service) and NU Wholesale Distribution projected costs are significantly  
5 below the estimated costs provided in DE 09-115.

6 A. Regional Network Service charges, which are the largest component of the  
7 Regional Transmission and Operating Entities line item of the EDC, are based on  
8 UES' hourly load, coincident with NU's monthly peak hour. NU Wholesale  
9 Distribution (Distribution Delivery Service) charges are based upon the non-

1 coincident hourly peak loads for each of UES' distribution centers, Seacoast and  
2 Capital. Actual peak loads for the estimated period were significantly lower than  
3 the estimated peaks used to calculate estimated costs, leading to lower projected  
4 actual costs for each of these line items. Lower peak loads are the result of mild  
5 weather and slowing economic activity throughout New England over this time.  
6

7 Q. Please explain why NU Network Service costs are significantly higher than the  
8 estimates provided in DE 09-115.

9 A. Northeast Utilities estimates the amount recoverable under NU Network Service  
10 by estimating the revenue requirement for all of its transmission facilities,  
11 including all regional and local facilities. NU reduces its estimated revenue  
12 requirement by an estimate of the revenue it will receive from non-NU Network  
13 Service sources, the most significant of which is Regional Network Service  
14 revenue from ISO New England. I based the estimates of NU Network Service  
15 costs, provided to the Commission in DE 09-115, on these initial estimates  
16 provided by NU. Throughout 2009, NU billed UES on this estimated net revenue  
17 requirement. Recently, NU reconciled its estimated 2009 net revenue requirement  
18 to actual 2009 net revenue requirement, which is expected to result in a \$1.4  
19 million charge to UES. In my discussions with NU, I have learned that  
20 approximately 25% of this true-up adjustment is due to higher than estimated  
21 transmission revenue requirement and 75% is due to lower than estimated  
22 Regional Network Service revenues.  
23

1 **VI. UPC COSTS AND REVENUES**

2 Q. Has UPC prepared an accounting of the costs and revenues to UPC under the CRP  
3 and the ASC?

4 A. Yes. Schedule FXW-4 provides this accounting for the period beginning August  
5 2008 through April 2010. UPC bills UES estimates of the CRP and ASC on the  
6 25<sup>th</sup> of the month for the upcoming month. The estimated expenses are true-up  
7 to actual expenses on a two-month lag basis. In order to calculate the true-up,  
8 UPC tracks the actual expenses, which comprise both the CRP and the ASC.  
9 These actual expenses are compared to the estimated expenses to calculate the  
10 true-up for prior period.

11  
12 Page 1 and 2 of 3 of the Schedule provides summary data of actual CRP and ASC  
13 expenses and revenues. Page 3 of 4 of the Schedule provides account level detail  
14 for adjustments to UPC's obligations prior to May 2003. The activity in  
15 September and October 2008 represents two credits from ISO, totaling  
16 approximately \$30,000, relating to transmission return on equity refunds.

17  
18 **VIII. CONCLUSION**

19 Q. Does that conclude your testimony?

20 A. Yes, it does.

**SCHEDULE FXW-1**  
**STRANDED COST CHARGE COSTS**

Page 2 of 2	Stranded Costs	Description
	Contract Release Payments to Unitil Power Corp.	❖ Costs of Contract Release Payments billed by Unitil Service Corp under the FERC-approved Amended Unitil System Agreement.

0064

		Contract Release Payments to Unitil	
		Power Corp. (1)	Total Costs
Aug-08	Actual	\$869,127	\$869,127
Sep-08	Actual	\$954,778	\$954,778
Oct-08	Actual	\$904,341	\$904,341
Nov-08	Actual	\$915,834	\$915,834
Dec-08	Actual	\$915,193	\$915,193
Jan-09	Actual	\$952,979	\$952,979
Feb-09	Actual	\$934,247	\$934,247
Mar-09	Actual	\$983,429	\$983,429
Apr-09	Actual	\$908,228	\$908,228
May-09	Actual	\$895,416	\$895,416
Jun-09	Actual	\$906,964	\$906,964
Jul-09	Actual	<u>\$907,292</u>	<u>\$907,292</u>
Total Aug-08 to Jul-09		\$11,047,829	\$11,047,829
Aug-09	Actual	\$926,002	\$926,002
Sep-09	Actual	\$636,619	\$636,619
Oct-09	Actual	\$409,182	\$409,182
Nov-09	Actual	\$401,767	\$401,767
Dec-09	Actual	\$418,251	\$418,251
Jan-10	Actual	\$401,812	\$401,812
Feb-10	Actual	\$415,291	\$415,291
Mar-10	Actual	\$437,494	\$437,494
Apr-10	Actual	\$404,338	\$404,338
May-10	Estimate	\$409,263	\$409,263
Jun-10	Estimate	\$409,233	\$409,233
Jul-10	Estimate	<u>\$409,233</u>	<u>\$409,233</u>
Total Aug-09 to Jul-10		\$5,678,485	\$5,678,485
Aug-10	Estimate	\$409,233	\$409,233
Sep-10	Estimate	\$409,233	\$409,233
Oct-10	Estimate	\$409,233	\$409,233
Nov-10	Estimate	\$9,233	\$9,233
Dec-10	Estimate	\$9,233	\$9,233
Jan-11	Estimate	\$9,233	\$9,233
Feb-11	Estimate	\$9,233	\$9,233
Mar-11	Estimate	\$9,233	\$9,233
Apr-11	Estimate	\$9,233	\$9,233
May-11	Estimate	\$9,233	\$9,233
Jun-11	Estimate	\$9,233	\$9,233
Jul-11	Estimate	<u>\$9,233</u>	<u>\$9,233</u>
Total Aug-10 to Jul-11		\$1,310,796	\$1,310,796

(1) Breakdown of costs included in the Contract Release Payments are presented in Schedule FXW-3.

0065

**SCHEDULE FXW-2**  
**EXTERNAL DELIVERY CHARGE COSTS**

**0066**

Pages 2 - 4 Column	External Delivery Charge	Description
a.	Third Party Transmission Providers (NU Network Integration Transmission Service)	❖ Transmission charges billed by others who are authorized to bill the Company for their services. Reflects Network Integration Transmission Service taken under Schedule 21-NU of the ISO-NE Open Access Transmission Tariff.
b.	Regional Transmission and Operating Entities	❖ Charges associated with regional power systems, transmission and expenses. Currently reflects NEPOOL and ISO-NE charges.
c.	Third Party Transmission Providers (NU Wholesale Distribution)	❖ Transmission charges billed by others who are authorized to bill the Company for their services. Costs associated with wheeling of power across PSNH facilities, classified as distribution for accounting purposes, to Unitil Energy's distribution system.
d.	Transmission-based Assessments and Fees	❖ Transmission-based assessments and fees billed by or through regulatory agencies such as the FERC.
e.	Load Estimation and Reporting System Costs	❖ Third party implementation and monthly service costs associated with load estimating and reporting systems necessary for allocating and reporting supplier loads to NEPOOL. Currently reflects Logica Inc. charges. Logica Inc. is the vendor used to provide the service.
f.	Data and Information Services	❖ Third party costs related to data information services provided to the Company for receiving ISO-NE data. Currently reflects cost of a data system provided by Connecticut Municipal Electric Energy Cooperative (CMEEC).
g.	Legal Charges	❖ Legal fees related to the Company's transmission and energy obligations and responsibilities, including legal and regulatory activities associated with the ISO-NE, NEPOOL, RTO and FERC.
h.	Consulting Outside Service Charges	❖ Consulting outside service charges related to the Company's transmission and energy obligations and responsibilities, including legal and regulatory activities associated with the ISO-NE, NEPOOL, RTO and FERC.
i.	Administrative Costs - Renewable Source Option	❖ Outside service and materials costs required to design, promote and administer the Company's Renewable Source Option program.
j.	Administrative Service Charges	❖ Costs of Administrative Service Charges billed to the Company by Unitil Power Corp. under the FERC-approved Amended Unitil System Agreement.

0067

8900

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
External Delivery Costs:		Third Party Transmission Providers (NU Network Integration Transmission Service)	Regional Transmission and Operating Entities	Third Party Transmission Providers (NU Wholesale Distribution)	Transmission-based Assessments and Fees	Load Estimation and Reporting System Costs	Data and Information Services	Legal Charges	Consulting Outside Service Charges	Administrative Service Charges (1)	Total Costs (sum a thru i)
Vendor(s):		Northeast Utilities	ISO New England Inc., Regional Transmission Operator, Nepoch	Northeast Utilities	Federal Energy Regulatory Commission	LOGICA INC.	Connecticut Municipal Electric Energy Cooperative	Dewey & LeBoeuf	N/A	Unitil Power Corp.	
Aug-08	Actual	\$98,839	\$905,742	\$248,944	\$0	\$0	\$1,250	\$0	\$0	(\$5,348)	\$1,249,426
Sep-08	Actual	\$106,928	\$833,705	\$248,232	\$0	\$21,207	\$1,250	\$2,907	\$0	(\$1,450)	\$1,212,778
Oct-08	Actual	\$96,049	\$745,388	\$213,605	\$0	\$10,614	\$0	\$7,914	\$127	(\$2,953)	\$1,070,745
Nov-08	Actual	\$96,466	\$798,695	\$214,899	\$0	\$10,619	\$2,500	\$0	\$0	(\$3,606)	\$1,119,574
Dec-08	Actual	\$113,910	\$881,669	\$237,110	\$0	\$10,626	\$1,250	\$5,488	\$0	\$33	\$1,250,085
Jan-09	Actual	\$86,924	\$812,599	\$231,418	\$0	\$0	\$1,250	\$3,750	\$0	(\$3,386)	\$1,132,554
Feb-09	Actual	\$268,080	\$930,503	\$223,617	\$0	\$21,268	\$1,250	\$4,343	\$0	\$2,542	\$1,451,602
Mar-09	Actual	\$164,755	\$842,603	\$214,437	\$0	\$10,639	\$1,250	\$0	\$0	(\$1,604)	\$1,232,080
Apr-09	Actual	\$164,077	\$717,089	\$217,048	\$0	\$10,494	\$1,250	\$6,340	\$0	\$44	\$1,116,342
May-09	Actual	\$162,975	\$733,046	\$218,782	\$0	\$10,501	\$1,250	\$5,709	\$0	(\$4,526)	\$1,127,737
Jun-09	Actual	\$163,017	\$1,021,091	\$226,784	\$0	\$10,511	\$1,250	\$0	\$0	(\$3,755)	\$1,418,898
Jul-09	Actual	<u>\$100,769</u>	<u>\$1,297,398</u>	<u>\$270,292</u>	<u>\$2,455</u>	<u>\$10,517</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$4,393</u>	<u>\$1,685,824</u>
Total Aug-08 to Jul-09		\$1,622,789	\$10,519,527	\$2,765,168	\$2,455	\$126,996	\$13,750	\$36,450	\$127	(\$19,617)	\$15,067,645

(1) Breakdown of costs included in the Administrative Service Charge are presented in Schedule FXW-3.

6900

		(a) Third Party Transmission Providers (NU Network Integration Transmission Service)	(b) Regional Transmission and Operating Entities  ISO New England Inc., Regional Transmission Operator, Nepoch	(c) Third Party Transmission Providers (NU Wholesale Distribution)	(d) Transmission- based Assessments and Fees  Federal Energy Regulatory Commission	(e) Load Estimation and Reporting System Costs  LOGICA INC.	(f) Data and Information Services  Connecticut Municipal Electric Energy Cooperative	(g) Legal Charges  Dewey & LeBoeuf	(h) Consulting Outside Service Charges  N/A	(i) Administrative Service Charges (1)  Unitil Power Corp.	(j) Total Costs (sum a thru i)
External Delivery Costs:	Vendor(s):	Northeast Utilities		Northeast Utilities							
Aug-09	Actual	\$25,655	\$1,241,065	\$297,241	\$0	\$10,522	\$2,500	\$983	\$0	(\$2,631)	\$1,575,336
Sep-09	Actual	\$48,632	\$1,015,055	\$217,917	\$0	\$10,529	\$1,250	\$1,108	\$0	(\$1,730)	\$1,292,761
Oct-09	Actual	\$24,914	\$943,587	\$208,071	\$0	\$10,537	\$1,250	\$2,015	\$0	(\$1,752)	\$1,188,621
Nov-09	Actual	\$24,894	\$959,311	\$208,988	\$0	\$0	\$1,250	\$783	\$0	(\$1,251)	\$1,193,975
Dec-09	Actual	\$24,804	\$1,121,530	\$239,005	\$0	\$20,941	\$1,250	\$2,033	\$0	(\$768)	\$1,408,796
Jan-10	Actual	\$24,931	\$1,075,103	\$222,254	\$0	\$10,701	\$0	\$0	\$0	\$1,008	\$1,333,997
Feb-10	Actual	\$49,404	\$1,065,260	\$215,636	\$0	\$10,558	\$1,250	\$2,313	\$0	\$443	\$1,344,864
Mar-10	Actual	\$75,810	\$956,140	\$208,069	\$0	\$10,562	\$2,500	\$0	\$0	(\$930)	\$1,252,152
Apr-10	Actual	\$49,404	\$851,419	\$208,068	\$0	\$10,568	\$1,250	\$0	\$0	\$4,030	\$1,124,739
May-10	Estimate	\$50,663	\$976,142	\$211,897	\$0	\$10,600	\$1,250	\$1,245	\$0	(\$1,410)	\$1,250,388
Jun-10	Estimate	\$1,479,830	\$1,392,374	\$261,959	\$0	\$10,600	\$1,250	\$1,245	\$0	(\$1,749)	\$3,145,508
Jul-10	Estimate	<u>\$79,830</u>	<u>\$1,480,135</u>	<u>\$278,883</u>	<u>\$2,500</u>	<u>\$10,600</u>	<u>\$1,250</u>	<u>\$1,245</u>	<u>\$0</u>	<u>(\$1,749)</u>	<u>\$1,852,693</u>
Total Aug-09 to Jul-10		\$1,958,771	\$13,077,122	\$2,777,988	\$2,500	\$126,719	\$16,250	\$12,971	\$0	(\$8,489)	\$17,963,832

(1) Breakdown of costs included in the Administrative Service Charge are presented in Schedule FXW-3.

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
External Delivery Costs:		Third Party Transmission Providers (NU Network Integration Transmission Service)	Regional Transmission and Operating Entities	Third Party Transmission Providers (NU Wholesale Distribution)	Transmission-based Assessments and Fees	Load Estimation and Reporting System Costs	Data and Information Services	Legal Charges	Consulting Outside Service Charges	Administrative Costs - Renewable Source Option	Administrative Service Charges (1)	Total Costs (sum a thru j)
Vendor(s):		Northeast Utilities	ISO New England Inc., Regional Transmission Operator, Nepoch	Northeast Utilities	Federal Energy Regulatory Commission	LOGICA INC.	Connecticut Municipal Electric Energy Cooperative				Unitil Power Corp.	
Aug-10	Estimate	\$79,830	\$1,540,695	\$290,561	\$0	\$10,600	\$1,250	\$3,245	\$3,000	\$4,167	\$3,251	\$1,936,598
Sep-10	Estimate	\$79,830	\$1,112,735	\$210,932	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,419,010
Oct-10	Estimate	\$79,830	\$1,013,168	\$203,393	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,311,904
Nov-10	Estimate	\$79,830	\$1,109,605	\$209,800	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,414,747
Dec-10	Estimate	\$79,830	\$1,276,618	\$239,636	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,611,597
Jan-11	Estimate	\$79,830	\$1,222,249	\$229,152	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,649)	\$1,546,843
Feb-11	Estimate	\$79,830	\$1,179,795	\$220,965	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	\$3,251	\$1,501,102
Mar-11	Estimate	\$79,830	\$1,113,889	\$208,256	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,417,487
Apr-11	Estimate	\$79,830	\$970,185	\$203,393	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,268,921
May-11	Estimate	\$79,830	\$1,097,403	\$209,522	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,402,267
Jun-11	Estimate	\$79,830	\$1,395,123	\$262,489	\$0	\$10,600	\$1,250	\$1,245	\$0	\$4,167	(\$1,749)	\$1,752,954
Jul-11	Estimate	<u>\$79,830</u>	<u>\$1,482,559</u>	<u>\$279,350</u>	<u>\$2,500</u>	<u>\$10,600</u>	<u>\$1,250</u>	<u>\$1,245</u>	<u>\$0</u>	<u>\$4,167</u>	<u>(\$1,749)</u>	<u>\$1,859,752</u>
Total Aug-10 to Jul-11		\$957,959	\$14,514,024	\$2,767,451	\$2,500	\$127,200	\$15,000	\$16,944	\$3,000	\$50,000	(\$10,894)	\$18,443,183

(1) Breakdown of costs included in the Administrative Service Charge are presented in Schedule FXW-3.

**SCHEDULE FXW-3**

**CONTRACT RELEASE PAYMENTS**  
**AND**  
**ADMINISTRATIVE SERVICE CHARGES**

0071

Unitil Power Corp.  
 Breakdown of Costs As Billed to Unitil Energy Systems, Inc.  
 Contract Release Payment and Administrative Service Charge

Note: Represents estimated costs as Unitil Power Corp. bills Unitil Energy Systems, Inc. in advance based on estimates and includes a true-up for actual data on a two-month lag basis. Unitil Power Corp. actual costs are provided on Schedule FXW-4

	Aug-08 Actual	Sep-08 Actual	Oct-08 Actual	Nov-08 Actual	Dec-08 Actual	Jan-09 Actual	Feb-09 Actual	Mar-09 Actual	Apr-09 Actual	May-09 Actual
1. Contract Release Payments (CRP) included in the SCC	\$869,127	\$954,778	\$904,341	\$915,834	\$915,193	\$952,979	\$934,247	\$983,429	\$908,228	\$895,416
2. Portfolio Sales Charge	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
3. Residual Contract Obligations	\$532,500	\$532,500	\$532,500	\$532,500	\$532,500	\$520,000	\$520,000	\$520,000	\$520,000	\$520,000
4. Hydro-Quebec Support Payments	\$3,966	\$3,966	\$3,966	\$3,966	\$3,966	\$30,910	\$29,093	\$12,471	\$12,471	\$12,471
5. Subtotal (L. 2 through 4)	\$936,466	\$936,466	\$936,466	\$936,466	\$936,466	\$963,410	\$949,093	\$932,471	\$932,471	\$932,471
6. True-up for estimate (1)	(\$67,339)	\$18,312	(\$32,126)	(\$8,897)	(\$29,015)	\$3,886	(\$14,847)	\$50,959	(\$24,243)	(\$37,054)
7. Obligations prior to May 1, 2003	\$0	\$0	\$0	(\$11,735)	(\$19,202)	\$0	\$0	\$0	\$0	\$0
8. Total Contract Release Payments as billed by Unitil Power Corp.	\$869,127	\$954,778	\$904,341	\$915,834	\$915,193	\$952,979	\$934,247	\$983,429	\$908,228	\$895,416
9. Administrative Service Charges (ASC) included in EDC	(\$5,348)	(\$1,450)	(\$2,953)	(\$3,606)	\$33	(\$3,386)	\$2,542	(\$1,604)	\$44	(\$4,526)
10. NEPOOL, ISO-NE, RTO charges	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0
11. Legal costs	\$750	\$1,250	\$750	\$750	\$1,250	\$750	\$750	\$1,250	\$750	\$750
12. Consultant and other Outside Service charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13. CMARS Database System charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14. Regulatory assessments and fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15. Miscellaneous Corporation fees	\$0	\$0	\$0	\$0	\$0	\$100	\$0	\$0	\$0	\$0
16. Interest expense/(income)	(\$2,738)	(\$2,738)	(\$2,738)	(\$2,738)	(\$2,738)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)
17. Subtotal (L. 10 through 16)	(\$1,988)	(\$1,488)	(\$1,988)	(\$1,988)	(\$1,488)	(\$2,175)	\$2,725	(\$1,775)	(\$2,275)	(\$2,275)
18. True-up for prior month estimate (1)	(\$3,360)	\$38	(\$965)	(\$1,618)	\$1,521	(\$1,211)	(\$183)	\$171	\$2,319	(\$2,251)
19. Total Administrative Service Charges as billed by Unitil Power Corp.	(\$5,348)	(\$1,450)	(\$2,953)	(\$3,606)	\$33	(\$3,386)	\$2,542	(\$1,604)	\$44	(\$4,526)
20. Total CRP and ASC as billed by Unitil Power Corp. (L. 8 + L. 19)	\$863,779	\$953,328	\$901,388	\$912,229	\$915,226	\$949,593	\$936,788	\$981,825	\$908,272	\$890,891

(1) Lines 2-4 of the CRP and Lines 10-16 of the ASC represent estimated data. A true-up for actual data is done on a two month lag basis.

**Unitil Power Corp.**  
**Breakdown of Costs As Billed to Unitil Energy Systems, Inc.**  
**Contract Release Payment and Administrative Service Charge**

Note: Represents estimated costs as Unitil Power Corp. bills Unitil Energy Systems, Inc. in advance based on estimates and includes a true-up for actual data on a two-month lag basis. Unitil Power Corp. actual costs are provided on Schedule FXW-4

	<u>Jun-09</u> <u>Actual</u>	<u>Jul-09</u> <u>Actual</u>	<u>Aug-09</u> <u>Actual</u>	<u>Sep-09</u> <u>Actual</u>	<u>Oct-09</u> <u>Actual</u>	<u>Nov-09</u> <u>Actual</u>	<u>Dec-09</u> <u>Actual</u>	<u>Jan-10</u> <u>Actual</u>	<u>Feb-10</u> <u>Actual</u>	<u>Mar-10</u> <u>Actual</u>
1. Contract Release Payments (CRP) included in the SCC	\$906,964	\$907,292	\$926,002	\$636,619	\$409,182	\$401,767	\$418,251	\$401,812	\$415,291	\$437,494
2. Portfolio Sales Charge	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
3. Residual Contract Obligations	\$520,000	\$520,000	\$520,000	\$224,333	\$0	\$0	\$0	\$0	\$0	\$0
4. Hydro-Quebec Support Payments	\$12,471	\$12,471	\$12,471	\$12,471	\$12,471	\$12,471	\$29,093	\$8,202	\$8,202	\$8,202
5. Subtotal (L. 2 through 4)	\$932,471	\$932,471	\$932,471	\$636,804	\$412,471	\$412,471	\$429,093	\$408,202	\$408,202	\$408,202
6. True-up for estimate (1)	(\$25,506)	(\$25,179)	(\$6,468)	(\$184)	(\$3,289)	(\$10,703)	(\$10,842)	(\$6,390)	\$7,089	\$29,292
7. Obligations prior to May 1, 2003	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Contract Release Payments as billed by Unitil Power Corp.	\$906,964	\$907,292	\$926,002	\$636,619	\$409,182	\$401,767	\$418,251	\$401,811.52	\$415,291	\$437,494
<b>Administrative Service Charges (ASC) included in EDC</b>										
9. Administrative Service Charges (ASC) included in EDC	(\$3,755)	\$4,393	(\$2,631)	(\$1,730)	(\$1,752)	(\$1,251)	(\$768)	\$1,008	\$443	(\$930)
10. NEPOOL, ISO-NE, RTO charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11. Legal costs	\$1,250	\$750	\$750	\$1,250	\$750	\$750	\$1,250	\$1,150	\$1,150	\$1,150
12. Consultant and other Outside Service charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13. CMARS Database System charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14. Regulatory assessments and fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15. Miscellaneous Corporation fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$0	\$0
16. Interest expense/(income)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)	(\$3,025)	(\$1,729)	(\$1,754)	(\$1,970)
17. Subtotal (L. 10 through 16)	(\$1,775)	(\$2,275)	(\$2,275)	(\$1,775)	(\$2,275)	(\$2,275)	(\$1,775)	(\$479)	(\$604)	(\$820)
18. True-up for prior month estimate (1)	(\$1,980)	\$6,668	(\$356)	\$45	\$523	\$1,024	\$1,007	\$1,487	\$1,047	(\$110)
19. Total Administrative Service Charges as billed by Unitil Power Corp.	(\$3,755)	\$4,393	(\$2,631)	(\$1,730)	(\$1,752)	(\$1,251)	(\$768)	\$1,008	\$443	(\$930)
20. Total CRP and ASC as billed by Unitil Power Corp. (L. 8 + L. 19)	\$903,209	\$911,685	\$923,372	\$634,889	\$407,430	\$400,516	\$417,483	\$402,820	\$415,734	\$436,564

(1) Lines 2-4 of the CRP and Lines 10-16 of the ASC represent estimated data. A true-up for actual data is done on a two month lag basis.

0073

**Unitil Power Corp.**  
**Breakdown of Costs As Billed to Unitil Energy Systems, Inc.**  
**Contract Release Payment and Administrative Service Charge**

Note: Represents estimated costs as Unitil Power Corp. bills Unitil Energy Systems, Inc. in advance based on estimates and includes a true-up for actual data on a two-month lag basis. Unitil Power Corp. actual costs are provided on Schedule FXW-4

	<u>Apr-10</u> <u>Actual</u>	<u>May-10</u> <u>Estimate</u>	<u>Jun-10</u> <u>Estimate</u>	<u>Jul-10</u> <u>Estimate</u>	<u>Aug-10</u> <u>Estimate</u>	<u>Sep-10</u> <u>Estimate</u>	<u>Oct-10</u> <u>Estimate</u>	<u>Nov-10</u> <u>Estimate</u>	<u>Dec-10</u> <u>Estimate</u>	<u>Jan-11</u> <u>Estimate</u>
1. Contract Release Payments (CRP) included in the SCC	\$404,338	\$409,263	\$409,233	\$409,233	\$409,233	\$409,233	\$409,233	\$9,233	\$9,233	\$9,233
2. Portfolio Sales Charge	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$0	\$0	\$0
3. Residual Contract Obligations	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Hydro-Quebec Support Payments	<u>\$8,202</u>	<u>\$9,233</u>								
5. Subtotal (L. 2 through 4)	\$408,202	\$409,233	\$409,233	\$409,233	\$409,233	\$409,233	\$409,233	\$9,233	\$9,233	\$9,233
6. True-up for estimate (1)	(\$3,864)	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. Obligations prior to May 1, 2003	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
8. Total Contract Release Payments as billed by Unitil Power Corp.	\$404,338	\$409,263	\$409,233	\$409,233	\$409,233	\$409,233	\$409,233	\$9,233	\$9,233	\$9,233
<hr/>										
9. Administrative Service Charges (ASC) included in EDC	\$4,030	(\$1,410)	(\$1,749)	(\$1,749)	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,649)
10. NEPOOL, ISO-NE, RTO charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11. Legal costs	\$1,150	\$766	\$766	\$766	\$2,766	\$766	\$766	\$766	\$766	\$766
12. Consultant and other Outside Service charges	\$0	\$0	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0
13. CMARS Database System charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14. Regulatory assessments and fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15. Miscellaneous Corporation fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100
16. Interest expense/(income)	<u>(\$2,005)</u>	<u>(\$2,515)</u>								
17. Subtotal (L. 10 through 16)	(\$855)	(\$1,749)	(\$1,749)	(\$1,749)	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,649)
18. True-up for prior month estimate (1)	<u>\$4,885</u>	<u>\$340</u>	<u>\$0</u>							
19. Total Administrative Service Charges as billed by Unitil Power Corp.	\$4,030	(\$1,410)	(\$1,749)	(\$1,749)	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,649)
20. Total CRP and ASC as billed by Unitil Power Corp. (L. 8 + L. 19)	\$408,368	\$407,853	\$407,484	\$407,484	\$412,484	\$407,484	\$407,484	\$7,484	\$7,484	\$7,584

(1) Lines 2-4 of the CRP and Lines 10-16 of the ASC represent estimated data. A true-up for actual data is done on a two month lag basis.

0074

**Unitil Power Corp.**  
**Breakdown of Costs As Billed to Unitil Energy Systems, Inc.**  
**Contract Release Payment and Administrative Service Charge**

Note: Represents estimated costs as Unitil Power Corp. bills Unitil Energy Systems, Inc. in advance based on estimates and includes a true-up for actual data on a two-month lag basis. Unitil Power Corp. actual costs are provided on Schedule FXW-4

	<u>Feb-11</u> <u>Actual</u>	<u>Mar-11</u> <u>Estimate</u>	<u>Apr-11</u> <u>Estimate</u>	<u>May-11</u> <u>Estimate</u>	<u>Jun-11</u> <u>Estimate</u>	<u>Jul-11</u> <u>Estimate</u>	<u>Total</u> <u>Aug08-Jul09</u>	<u>Total</u> <u>Aug09-Jul10</u>	<u>Total</u> <u>Aug10-Jul11</u>
1. Contract Release Payments (CRP) included in the SCC	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$11,047,829	\$5,678,485	\$1,310,796
2. Portfolio Sales Charge	\$0	\$0	\$0	\$0	\$0	\$0	\$4,800,000	\$4,800,000	\$1,200,000
3. Residual Contract Obligations	\$0	\$0	\$0	\$0	\$0	\$0	\$6,302,500	\$744,333	\$0
4. Hydro-Quebec Support Payments	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$167,315	\$139,482	\$110,796
5. Subtotal (L. 2 through 4)	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$11,269,815	\$5,683,815	\$1,310,796
6. True-up for estimate (1)	\$0	\$0	\$0	\$0	\$0	\$0	(\$191,048)	(\$5,330)	\$0
7. Obligations prior to May 1, 2003	\$0	\$0	\$0	\$0	\$0	\$0	(\$30,937)	\$0	\$0
8. Total Contract Release Payments as billed by Unitil Power Corp.	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$11,047,829	\$5,678,485	\$1,310,796
<hr/>									
9. Administrative Service Charges (ASC) included in EDC	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$19,617)	(\$8,489)	(\$10,894)
10. NEPOOL, ISO-NE, RTO charges	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$5,000
11. Legal costs	\$766	\$766	\$766	\$766	\$766	\$766	\$11,000	\$11,648	\$11,192
12. Consultant and other Outside Service charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000
13. CMARS Database System charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14. Regulatory assessments and fees	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15. Miscellaneous Corporation fees	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100	\$100
16. Interest expense/(income)	(\$2,515)	(\$2,515)	(\$2,515)	(\$2,515)	(\$2,515)	(\$2,515)	(\$34,865)	(\$30,129)	(\$30,186)
17. Subtotal (L. 10 through 16)	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$18,765)	(\$18,381)	(\$10,894)
18. True-up for prior month estimate (1)	\$0	\$0	\$0	\$0	\$0	\$0	(\$852)	\$9,893	\$0
19. Total Administrative Service Charges as billed by Unitil Power Corp.	\$3,251	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$1,749)	(\$19,617)	(\$8,489)	(\$10,894)
20. Total CRP and ASC as billed by Unitil Power Corp. (L. 8 + L. 19)	\$12,484	\$7,484	\$7,484	\$7,484	\$7,484	\$7,484	\$11,028,213	\$5,669,997	\$1,299,902

(1) Lines 2-4 of the CRP and Lines 10-16 of the ASC represent estimated data. A true-up for actual data is done on a two month lag basis.

0075

**SCHEDULE FXW-4**

**UNITIL POWER CORP.  
COST AND REVENUE MODEL**

Unitil Power Corp.  
Costs and Revenues

Schedule FXW-4  
Page 1 of 3

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Total Aug08-Jul09
1 TOTAL COSTS	\$ 901,388	\$ 912,729	\$ 887,782	\$ 937,153	\$ 946,892	\$ 998,048	\$ 929,895	\$ 891,391	\$ 902,709	\$ 911,685	\$ 923,872	\$ 930,056	\$ 11,073,599
2 TOTAL REVENUE	\$ 863,779	\$ 953,328	\$ 901,388	\$ 912,229	\$ 915,226	\$ 949,593	\$ 936,788	\$ 981,825	\$ 908,272	\$ 890,891	\$ 903,209	\$ 911,685	\$ 11,028,213
3 (OVER) UNDER COLLECTION	\$ 37,609	\$ (40,599)	\$ (13,606)	\$ 24,924	\$ 31,666	\$ 48,455	\$ (6,894)	\$ (90,435)	\$ (5,563)	\$ 20,794	\$ 20,662	\$ 18,372	\$ 45,387
4 CUMULATIVE (OVER) UNDER COLLECTION*													(6,964)
<b>POST MAY 1 COSTS</b>													
<b>CONTRACT RELEASE PAYMENTS</b>													
5 Portfolio Sales Charge	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 4,800,000
6 Residual Contract Obligations	\$ 532,500	\$ 532,500	\$ 532,500	\$ 532,500	\$ 532,500	\$ 507,500	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 6,290,000
7 Hydro Quebec Support Payments	\$ (28,159)	\$ (4,931)	\$ (25,048)	\$ 7,852	\$ 16,063	\$ 92,552	\$ 4,850	\$ (24,584)	\$ (13,036)	\$ (12,708)	\$ 6,002	\$ 12,286	\$ 31,141
8 Total (see Page 2)	\$ 904,341	\$ 927,569	\$ 907,452	\$ 940,352	\$ 948,563	\$ 1,000,052	\$ 924,850	\$ 895,416	\$ 906,964	\$ 907,292	\$ 926,002	\$ 932,286	\$ 11,121,141
<b>ADMINISTRATIVE SERVICE CHARGES</b>													
9 Nepoch, ISO-NE, RTO Charges	\$ -	\$ -	\$ -	\$ 0	\$ -	\$ 0	\$ 5,000	\$ (1)	\$ 0	\$ -	\$ -	\$ 0	\$ 4,999
10 Legal Costs	\$ -	\$ -	\$ -	\$ -	\$ 1,365	\$ 611	\$ 1,560	\$ -	\$ -	\$ 8,585	\$ -	\$ -	\$ 12,121
11 Consultant and other Outside Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 CMARS Database System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 Regulatory Assessments and Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 Misc Corporation fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100
15 Total	\$ -	\$ -	\$ -	\$ 0	\$ 1,365	\$ 711	\$ 6,560	\$ (1)	\$ 0	\$ 8,585	\$ -	\$ 0	\$ 17,220
16 Interest Expense	\$ (2,953)	\$ (3,106)	\$ (467)	\$ (3,199)	\$ (3,036)	\$ (2,715)	\$ (1,516)	\$ (4,025)	\$ (4,255)	\$ (4,192)	\$ (2,131)	\$ (2,230)	\$ (33,824)
17 Pre May 1 Costs (detail on Page 3)	\$ -	\$ (11,735)	\$ (19,202)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (30,937)
18 Grand Total	\$ 901,388	\$ 912,729	\$ 887,782	\$ 937,153	\$ 946,892	\$ 998,048	\$ 929,895	\$ 891,391	\$ 902,709	\$ 911,685	\$ 923,872	\$ 930,056	\$ 11,073,599

\* (Over)/undercollections began in May 2003. For the period May 2003-July 2008, the cumulative (over)/undercollection was (\$52,350).

	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	Total Aug09-Apr10
1 TOTAL COSTS	\$ 927,430	\$ 625,349	\$ 400,361	\$ 405,292	\$ 435,455	\$ 436,905	\$ 408,619	\$ 407,752	\$ 399,725	\$ 4,446,887
2 TOTAL REVENUE	\$ 923,372	\$ 634,889	\$ 407,430	\$ 400,516	\$ 417,483	\$ 402,820	\$ 415,734	\$ 436,564	\$ 408,368	\$ 4,447,176
3 (OVER) UNDER COLLECTION	\$ 4,058	\$ (9,540)	\$ (7,069)	\$ 4,776	\$ 17,971	\$ 34,086	\$ (7,115)	\$ (28,813)	\$ (8,644)	\$ (290)
4 CUMULATIVE (OVER) UNDER COLLECTION										(7,253)
<b>POST MAY 1 COSTS</b>										
<b>CONTRACT RELEASE PAYMENTS</b>										
5 Portfolio Sales Charge	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,600,000
6 Residual Contract Obligations	\$ 520,000	\$ 224,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744,333
7 Hydro Quebec Support Payments	\$ 9,182	\$ 1,767	\$ 1,629	\$ 6,080	\$ 36,183	\$ 37,494	\$ 4,338	\$ 8,232	\$ 314	\$ 105,218
8 Total (see Page 2)	\$ 929,182	\$ 626,100	\$ 401,629	\$ 406,080	\$ 436,183	\$ 437,494	\$ 404,338	\$ 408,232	\$ 400,314	\$ 4,449,551
<b>ADMINISTRATIVE SERVICE CHARGES</b>										
9 Nepoch, ISO-NE, RTO Charges	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 5,000	\$ -	\$ 0	\$ 5,000
10 Legal Costs	\$ 473	\$ -	\$ -	\$ -	\$ 131	\$ -	\$ -	\$ -	\$ -	\$ 603
11 Consultant and other Outside Service Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 CMARS Database System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 Regulatory Assessments and Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 Misc Corporation fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100.00	\$ -	\$ -	\$ -	\$ 100
15 Total	\$ 473	\$ -	\$ -	\$ -	\$ 131	\$ 100	\$ 5,000	\$ -	\$ 0	\$ 5,704
16 Interest Expense	\$ (2,224)	\$ (751)	\$ (1,268)	\$ (788)	\$ (859)	\$ (689)	\$ (719)	\$ (480)	\$ (589)	\$ (8,368)
17 Pre May 1 Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18 Grand Total	\$ 927,430	\$ 625,349	\$ 400,361	\$ 405,292	\$ 435,455	\$ 436,905	\$ 408,619	\$ 407,752	\$ 399,725	\$ 4,446,887

0077

Unitil Power Corp.  
Post May 1 Costs Detail

	Actual Aug-08	Actual Sep-08	Actual Oct-08	Actual Nov-08	Actual Dec-08	Actual Jan-09	Actual Feb-09	Actual Mar-09	Actual Apr-09	Actual May-09	Actual Jun-09	Actual Jul-09	Total Aug08-Jul09
Portfolio Sales Charges:													
1 Mirant	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 4,800,000
2 Total (see Page 1)	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 4,800,000
Residual Contract Obligations:													
3 Baystate	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500	\$ (12,500)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
4 Indeck	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 6,240,000
5 Bridgeport Harbor 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Total (see Page 1)	\$ 532,500	\$ 532,500	\$ 532,500	\$ 532,500	\$ 532,500	\$ 507,500	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 520,000	\$ 6,290,000
Hydro Quebec Support Payments:													
7 Hydro Quebec Support Payments	\$ 41,730	\$ 43,585	\$ 44,135	\$ 44,072	\$ 47,549	\$ 43,884	\$ 45,567	\$ 46,318	\$ 49,670	\$ 48,324	\$ 42,391	\$ 45,597	\$ 542,822
8 Hydro Quebec Revenue Offset	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Hydro Quebec Transmission Sales	\$ (34,875)	\$ (13,980)	\$ (37,000)	\$ (3,087)	\$ (3,404)	\$ (1,518)	\$ (38,414)	\$ (68,793)	\$ (30,535)	\$ (35,101)	\$ (35,308)	\$ (35,308)	\$ (337,323)
10 Hydro Quebec Capacity Sales	\$ (33,128)	\$ (33,128)	\$ (33,128)	\$ (33,128)	\$ (33,128)	\$ 51,808	\$ -	\$ -	\$ (33,128)	\$ (33,128)	\$ -	\$ -	\$ (180,084)
11 Hydro Quebec - BECO AC (d/b/a NSTAR)	\$ 516	\$ 91	\$ 174	\$ 532	\$ 532	\$ 516	\$ 516	\$ 516	\$ 516	\$ 1,033	\$ 581	\$ -	\$ 5,523
12 Hydro Quebec - NEP AC	\$ 6,595	\$ 6,595	\$ 6,595	\$ 6,595	\$ 6,595	\$ 6,759	\$ 3,710	\$ 6,759	\$ 9,795	\$ 6,759	\$ 6,759	\$ 6,759	\$ 80,275
13 Hydro Quebec - Chester SVC	\$ 3,205	\$ 3,318	\$ 4,478	\$ 3,189	\$ 6,102	\$ -	\$ 3,164	\$ -	\$ -	\$ 8,434	\$ -	\$ 3,516	\$ 35,407
14 Hydro Quebec - NEPOOL OATT Payments	\$ (12,204)	\$ (11,412)	\$ (10,303)	\$ (10,321)	\$ (8,183)	\$ (8,897)	\$ (9,694)	\$ (9,384)	\$ (9,354)	\$ (9,030)	\$ (8,420)	\$ (8,277)	\$ (115,479)
15 Total (see Page 1)	\$ (28,159)	\$ (4,931)	\$ (25,048)	\$ 7,852	\$ 16,063	\$ 92,552	\$ 4,850	\$ (24,584)	\$ (13,036)	\$ (12,708)	\$ 6,002	\$ 12,286	\$ 31,141
16 Total Contract Release Payments	\$ 904,341	\$ 927,569	\$ 907,452	\$ 940,352	\$ 948,563	\$ 1,000,052	\$ 924,850	\$ 895,416	\$ 906,964	\$ 907,292	\$ 926,002	\$ 932,286	\$ 11,121,141

0078

	Actual Aug-09	Actual Sep-09	Actual Oct-09	Actual Nov-09	Actual Dec-09	Actual Jan-10	Actual Feb-10	Actual Mar-10	Actual Apr-10	Total Aug09-Apr10
Portfolio Sales Charges:										
1 Mirant	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 4,000,000
2 Total (see Page 1)	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 3,600,000
Residual Contract Obligations:										
3 Baystate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Indeck	\$ 520,000	\$ 224,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744,333
5 Bridgeport Harbor 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Total (see Page 1)	\$ 520,000	\$ 224,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 744,333
Hydro Quebec Support Payments:										
7 Hydro Quebec Support Payments	\$ 43,341	\$ 41,405	\$ 41,759	\$ 39,772	\$ 43,512	\$ 50,299	\$ 42,198	\$ 44,046	\$ 41,567	\$ 387,899
8 Hydro Quebec Revenue Offset	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Hydro Quebec Transmission Sales	\$ (35,308)	\$ (38,531)	\$ (38,531)	\$ (38,531)	\$ (6,145)	\$ (38,531)	\$ (38,531)	\$ (38,531)	\$ (38,531)	\$ (311,170)
10 Hydro Quebec Capacity Sales	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,287	\$ -	\$ -	\$ -	\$ 19,287
11 Hydro Quebec - BECO AC (d/b/a NSTAR)	\$ 516	\$ 516	\$ 1,033	\$ -	\$ 516	\$ 516	\$ 1,033	\$ 516	\$ -	\$ 4,647
12 Hydro Quebec - NEP AC	\$ 6,759	\$ 6,759	\$ 6,759	\$ 6,759	\$ 6,759	\$ 10,890	\$ 6,749	\$ 6,749	\$ 6,749	\$ 64,932
13 Hydro Quebec - Chester SVC	\$ 3,112	\$ 2,706	\$ 2,968	\$ 7,054	\$ -	\$ 3,788	\$ 3,062	\$ 5,228	\$ -	\$ 27,919
14 Hydro Quebec - NEPOOL OATT Payments	\$ (9,239)	\$ (11,088)	\$ (12,359)	\$ (8,974)	\$ (8,460)	\$ (8,755)	\$ (10,173)	\$ (9,776)	\$ (9,472)	\$ (88,296)
15 Total (see Page 1)	\$ 9,182	\$ 1,767	\$ 1,629	\$ 6,080	\$ 36,183	\$ 37,494	\$ 4,338	\$ 8,232	\$ 314	\$ 105,218
16 Total Contract Release Payments	\$ 929,182	\$ 626,100	\$ 401,629	\$ 406,080	\$ 436,183	\$ 437,494	\$ 404,338	\$ 408,232	\$ 400,314	\$ 4,449,551

**Unitil Power Corp.**  
Adjustments for Obligations Prior to May 1, 2003

	Actual Aug-08	Actual Sep-08	Actual Oct-08	Actual Nov-08	Actual Dec-08	Actual Jan-09	Actual Feb-09	Actual Mar-09	Actual Apr-09	Actual May-09	Actual Jun-09	Actual Jul-09	Total Aug08-Jul09
1 Sys Control & Load Disp.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 MMWEC Stony Brook and Seabrook Base Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 <b>Total Base Energy</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 MMWEC Stony Brook and Seabrook	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 NEP Vermont Yankee and Ocean State Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 PSEG - Bridgeport Harbor 3 and New Haven Harbor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 PSNH Newington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 NU Norwalk Harbor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 Misc. Short Term Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 <b>Demand Expenses</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1 BECO-HQII AC Support Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 NEP HQII AC Support Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 NE Hydro - HQII DC Support Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 <u>NEPOOL</u>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 UI - New Haven Harbor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 NEPOOL Regional Network Service Transmission	\$ -	\$ (11,735)	\$ (19,202)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (30,937)
7 NU Network Integration Transmission Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 NEPOOL Congestion Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 NEPOOL Congestion Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 <b>Total Transmission</b>	\$ -	\$ (11,735)	\$ (19,202)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (30,937)
<b>KWH Basis Fuel</b>													
1 NEPOOL Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 NEPOOL Automatic Generation Control	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 NEPOOL ICAP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 NEPOOL Operating Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Load Response Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 NEPOOL - Misc Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 PSEG - New Haven Harbor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 NEP Vermont Yankee and Ocean State Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 PSEG - Bridgeport Harbor 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10 Great Bay Power - System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11 MMWEC Stony Brook and Seabrook	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12 NU Norwalk Harbor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13 PSNH Newington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14 NU 170 Base Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15 NU 170 Intermediate Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16 Misc. Short Term Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17 <b>Sub-Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Administrative &amp; General</b>													
1 Outside Services - Legal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Outside Services - NH Restructuring	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Outside Services - Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Dues & Subscriptions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5 Legal - Regulatory Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 <b>Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 Taxes	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8 <b>Grand Total Pre May 1, 2003</b>	\$ -	\$ (11,735)	\$ (19,202)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (30,937)

0079

**SCHEDULE FXW-5**

**HYDRO QUEBEC PAYMENTS AND REVENUES**

	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	
<b>Hydro Quebec Support Payments and Revenue Offset:</b>													
1 Hydro Quebec Support Payments - Non-PTF (DC) Facilities	\$41,730	\$43,585	\$44,135	\$44,072	\$47,549	\$43,884	\$45,567	\$46,318	\$49,670	\$48,324	\$42,391	\$45,597	\$542,822
2 Resale of Transmission Rights and Capacity Credits	(\$68,002)	(\$47,108)	(\$70,127)	(\$36,214)	(\$36,531)	\$50,290	(\$38,414)	(\$68,793)	(\$63,663)	(\$68,229)	(\$35,308)	(\$35,308)	(\$517,407)
3 Net Cost of HQ Non-PTF (DC) Facilities - Line 1 plus Line 2	(\$26,272)	(\$3,523)	(\$25,993)	\$7,858	\$11,018	\$94,174	\$7,153	(\$22,475)	(\$13,993)	(\$19,904)	\$7,083	\$10,288	\$25,415
4 Hydro Quebec Support Payments - PTF (AC) Facilities	\$10,316	\$10,004	\$11,247	\$10,316	\$13,228	\$7,275	\$7,391	\$7,275	\$10,311	\$16,226	\$7,339	\$10,275	\$121,204
5 ISO-NE OATT Payments	(\$12,204)	(\$11,412)	(\$10,303)	(\$10,321)	(\$8,183)	(\$8,897)	(\$9,694)	(\$9,384)	(\$9,354)	(\$9,030)	(\$8,420)	(\$8,277)	(\$115,479)
6 Net Cost of HQ PTF (AC) Facilities - Line 4 plus Line 5	(\$1,888)	(\$1,408)	\$944	(\$6)	\$5,045	(\$1,622)	(\$2,302)	(\$2,109)	\$957	\$7,196	(\$1,081)	\$1,998	\$5,726
7 Net Hydro Quebec Support Payments ~ Line 3 plus Line 6	(\$28,159)	(\$4,931)	(\$25,048)	\$7,852	\$16,063	\$92,552	\$4,850	(\$24,584)	(\$13,036)	(\$12,708)	\$6,002	\$12,286	\$31,141

August 2009 - July 2010

	Aug-09	Sep-09	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	
<b>Hydro Quebec Support Payments and Revenue Offset:</b>													
1 Hydro Quebec Support Payments - Non-PTF (DC) Facilities	\$43,341	\$41,405	\$41,759	\$39,772	\$43,512	\$50,299	\$42,198	\$44,046	\$41,567	\$43,684	\$43,684	\$43,684	\$518,951
2 Resale of Transmission Rights and Capacity Credits	(\$35,308)	(\$38,531)	(\$38,531)	(\$38,531)	(\$6,145)	(\$19,244)	(\$38,531)	(\$38,531)	(\$38,531)	(\$35,894)	(\$35,894)	(\$35,894)	(\$399,566)
3 Net Cost of HQ Non-PTF (DC) Facilities - Line 1 plus Line 2	\$8,033	\$2,874	\$3,228	\$1,241	\$37,367	\$31,054	\$3,667	\$5,515	\$3,036	\$7,790	\$7,790	\$7,790	\$119,386
4 Hydro Quebec Support Payments - PTF (AC) Facilities	\$10,387	\$9,981	\$10,760	\$13,813	\$7,275	\$15,195	\$10,844	\$12,494	\$6,749	\$10,945	\$10,945	\$10,945	\$130,333
5 ISO-NE OATT Payments	(\$9,239)	(\$11,088)	(\$12,359)	(\$8,974)	(\$8,460)	(\$8,755)	(\$10,173)	(\$9,776)	(\$9,472)	(\$9,502)	(\$9,502)	(\$9,502)	(\$116,802)
6 Net Cost of HQ PTF (AC) Facilities - Line 4 plus Line 5	\$1,148	(\$1,107)	(\$1,599)	\$4,839	(\$1,185)	\$6,440	\$671	\$2,718	(\$2,723)	\$1,443	\$1,443	\$1,443	\$13,531
7 Net Hydro Quebec Support Payments ~ Line 3 plus Line 6	\$9,182	\$1,767	\$1,629	\$6,080	\$36,183	\$37,494	\$4,338	\$8,232	\$314	\$9,233	\$9,233	\$9,233	\$132,917

August 2010 - July 2011

	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Total
	Estimate												
<b>Hydro Quebec Support Payments and Revenue Offset:</b>													
1 Hydro Quebec Support Payments - Non-PTF (DC) Facilities	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$43,684	\$524,208
2 Resale of Transmission Rights and Capacity Credits	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$35,894)	(\$430,728)
3 Net Cost of HQ Non-PTF (DC) Facilities - Line 1 plus Line 2	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$7,790	\$93,480
4 Hydro Quebec Support Payments - PTF (AC) Facilities	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$10,945	\$131,340
5 ISO-NE OATT Payments	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$9,502)	(\$114,024)
6 Net Cost of HQ PTF (AC) Facilities - Line 4 plus Line 5	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$1,443	\$17,316
7 Net Hydro Quebec Support Payments ~ Line 3 plus Line 6	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$9,233	\$110,796

0081