## UNITIL ENERGY SYSTEMS, INC.

Hurricane Irene (August 2011) and Snow Storm (October 2011) Incremental Cost - Recovery Calculation of Increment to the Storm Recovery Adjustment Factor

Proposed for effect May 1, 2012

| Description | Amount |  |
| :--- | :--- | ---: |
|  |  |  |
| Incremental Annual Recovery (Page 2) | $\$$ | $2,139,439$ |
| Sales (kWh) - 12 months ending October 31, 2011 |  | $1,224,109,383$ |
| Storm Recovery Adjustment Factor (Increment) |  |  |

* To be added to the current Storm Recovery Adjustment Factor of $\$ 0.00096$ per kWh.

UNITIL ENERGY SYSTEMS, INC.
Hurricane Irene (August 2011) and Snow Storm (October 2011) - Recovery Schedule


[^0]UNITIL ENERGY SYSTEMS, INC.
Hurricane Irene (August 2011) and Snow Storm (October 2011) Estimated Incremental Costs

|  | $\frac{\text { Month }}{(A)}$ | Beginning Balance (B) |  | Irene Charges (C) | Snow Storm Charges (D) |  | Ending Balance (F) |  | Balance Subject to Interest (G) | Interest Rate (H) |  | $\frac{\text { Interest }}{\text { (I) }}$ |  | $\frac{\text { Balance }}{(\mathrm{J})}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | Aug - Sep 2011 | \$ | \$ | 427,000 | \$ | \$ | 427,000 | \$ | 213,500 | 8.39\% | \$ | 2,994 | \$ | 429,994 |
| (2) | Oct - Dec 2011 | \$ 429,994 | \$ | 2,051,000 | \$ 2,322,000 | \$ | 4,802,994 | \$ | 2,616,494 | 8.39\% | \$ | 55,332 | \$ | 4,858,326 |
| (3) | Jan - Mar 2012 | \$ 4,858,326 | \$ | - | \$ 768,000 | \$ | 5,626,326 | \$ | 5,242,326 | 8.39\% | \$ | 109,357 | - | 5,735,683 |
| (4) | Apr-12 | \$ 5,735,683 | \$ | - | \$ | \$ | 5,735,683 | \$ | 5,735,683 | 8.39\% |  | 39,445 | + | 5,775,127 |
|  |  |  |  | 2,478,000 | \$ 3,090,000 |  |  |  |  |  | \$ | 207,127 | \$ | 5,775,127 |

## DRAFT - FOR INFORMATIONAL PURPOSES ONLY

NHPUC No. 3 - Electricity Delivery
Unitil Energy Systems, Inc.

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## STORM RECOVERY ADJUSTMENT FACTOR SCHEDULE SRAF

The Storm Recovery Adjustment Factor ("SRAF") shall be billed by the Company to all customers taking Delivery Service from the Company. The purpose of the SRAF is to recover the costs of certain storms as approved by the Commissionineurred as a result of the December 2008 ice storm and the February 2010 wind storm (collectively, the "Storms"). As set out below, the total SRAF is $\$ 0.00270$ per kWh , which includes the initial SRAF of $\$ 0.00096$ per kWh and the adjustment of $\$ 0.00174$ per kWh.

The initial SRAF, which is recovering the costs incurred as result of the December 2008 ice storm and the February 2010 wind storm, was shall be a uniform per kilowatt hour factor as established in the Company's last base rate case, DE 10-055, effective May 1, 2011 and billed to all retail delivery service customers. The initial SRAF wasshall be calculated using a total cost of $\$ 7,651,723$, the combined cost of the 2008 and 2010 sStorms, inclusive of carrying charges. The total cost, and will is being recovered on a levelized basis of $\$ 1,132,686$ over a period of eight years. Any unamortized balance will accrue carrying charges at an annual rate of 4.52 percent (equaling the Company's cost of debt of 7.60 percent, net of deferred taxes). Based on test year unit sales in DE 10-055, the initial SRAF waswill be set at $\$ 0.00096$ per kWh and will remain in place until allthese -storm costs have been fully recovered.

The initial SRAF will be adjusted effective May 1, 2012 to recover the costs incurred as result of Tropical Storm Irene, which occurred in August 2011, and the Snow Storm, which occurred in October 2011. The adjustment was calculated using a total cost of $\$ 5,775,127$, the combined cost of the 2011 storms, inclusive of carrying charges. The total cost is being recovered on a levelized basis of $\$ 2,139,439$ over a period of three years. Any unamortized balance will accrue carrying charges at an annual rate of 8.39 percent (equaling the Company's cost of capital). Based on actual unit sales for twelve months ending October 2011, the adjustment is set at $\$ 0.00174$ per kWh and will remain in place until these storm costs have been fully recovered.

The Company may petition to change the SRAF should significant over- or underrecoveries occur, or expect to occur. Any adjustment to the SRAF shall be in accordance with a notice filed with the Commission setting forth the amount of the proposed charge and the amount of the increase or decrease. The notice shall further specify the effective date of such charge, which shall not be earlier than forty-five (45) days after the filing of the notice, or such other date as the Commission may authorize.

The provisions of this tariff will terminate May 1, 2019. The Company shall reconcile revenue billed through the SRAF and the amounts subject to recovery, and shall Issued: April 28December 16, 2011

Issued by: Mark H. Collin
Effective: May 1, $2012+$
Treasurer

# DRAFT - FOR INFORMATIONAL PURPOSES ONLY 

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## STORM RECOVERY ADJUSTMENT FACTOR SCHEDULE SRAF

file the results of its recovery with the Commission no later than sixty (60) days after the conclusion of the recovery periods. The disposition of any remaining balances will be subject to Commission review and approval.

Authorized by NHPUC Order No. 25,214 in Case No. DE 10055 dated April 26, 2014





| Unitil Energy Systems, Inc. <br> Typical Bill Impacts - November 1, 2011 versus May 1, 2012* Impacts do NOT include the Electricity Consumption Tax Impact on G2 QRWH and SH Rate Customers |  |  |  |
| :---: | :---: | :---: | :---: |
| Total Bill | Total Bill |  | \% |
| Average Using Rates | Using Rates | Total | Total |
| kWh 11/1/2011 | 5/1/2012 | Difference | Difference |
| 100 \$18.32 | \$18.49 | \$0.17 | 0.9\% |
| 200 \$31.03 | \$31.38 | \$0.35 | 1.1\% |
| 300 \$43.75 | \$44.27 | \$0.52 | 1.2\% |
| 400 \$56.46 | \$57.16 | \$0.70 | 1.2\% |
| 500 \$69.18 | \$70.05 | \$0.87 | 1.3\% |
| 750 \$100.97 | \$102.28 | \$1.31 | 1.3\% |
| 1,000 \$132.76 | \$134.50 | \$1.74 | 1.3\% |
| 1,500 \$196.34 | \$198.95 | \$2.61 | 1.3\% |
| 2,000 \$259.92 | \$263.40 | \$3.48 | 1.3\% |
| 2,500 \$323.50 | \$327.85 | \$4.35 | 1.3\% |
|  | Rates - Effective November 1, 2011 | Rates - Propos May 1, 2012 | Difference |
| Customer Charge | \$5.60 | \$5.60 | \$0.00 |
|  | All kWh | All kWh | All kWh |
| Distribution Charge | \$0.02789 | \$0.02789 | \$0.00000 |
| External Delivery Charge | \$0.01479 | \$0.01479 | \$0.00000 |
| Stranded Cost Charge | (\$0.00004) | (\$0.00004) | \$0.00000 |
| Storm Recovery Adjustment Factor | \$0.00096 | \$0.00270 | \$0.00174 |
| System Benefits Charge | \$0.00330 | \$0.00330 | \$0.00000 |
| Default Service Charge | \$0.08026 | \$0.08026 | \$0.00000 |
| TOTAL | \$0.12716 | \$0.12890 | \$0.00174 |
| * Impacts isolate May 1, 2012 chang | to the Storm Recover | justment Factor |  |





[^0]:    Column
    Notes
    (A) Time period
    (B) Prior period Column (D) + Prior period Column (G)
    (C) Annual Recovery
    (D) Column (B) - Column (C)
    (E) $\quad($ Column (B) + Column (D) $) \div 2$
    (F) UES Cost of Capital
    (G) Column (E) times Column (F)
    (H) Prior Year Column (H) + Current Year Column (G)

