

SCHEDULE LSM-3
REDLINE TARIFFS

CALCULATION OF THE STRANDED COST CHARGE

Uniform per kWh Charge

1- (Over)/under Recovery - Beginning Balance May 2008	\$106,444
2- Estimated Total Costs (May 2008 - April 2009)	\$11,339,515
3- Estimated Interest (May 2008 - April 2009)	(\$871)
4- Costs to be Recovered (L.1 + L.2 + L.3)	\$11,445,088
5- Estimated Calendar Month Deliveries in kWh (May 2008 - April 2009) (1)	1,298,409,798
6- Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00882

Uniform per kWh Charge

1. (Over)/under Recovery - Beginning Balance August 1, 2009	\$500,816
2. Estimated Total Costs (August 2009 - July 2010)	\$5,551,907
3. Estimated Interest (August 2009 - July 2010)	<u>\$19,348</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$6,072,071
5. Estimated Calendar Month Deliveries in kWh (August 2009 - July 2010)	<u>1,226,188,039</u>
6. Stranded Cost Charge (\$/kWh) (L.4 / L.5)	\$0.00495

Development of Class Stranded Cost Charge

Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter, - G2 - Quick Recovery Water Heating, G2 - Space Heating, - G2 - Controlled Off Peak Water Heating, OL	
7- Stranded Cost Charge (\$/kWh) (L.6)	\$0.00882

Development of Class Stranded Cost Charge

Class D, D - Controlled Off Peak Water Heating, G2 - kWh meter, G2 - Quick Recovery Water Heating, G2 - Space Heating, <u>G2 Controlled Off Peak Water Heating, OL</u>	
7. Stranded Cost Charge (\$/kWh) (L.6)	\$0.00495

Class G2

8- Stranded Cost Charge (\$/kW)	\$1.55
9- Estimated G2 Deliveries in kW (May 2008 - April 2009)	1,393,240
10- Estimated G2 Demand Revenue (May 2008 - April 2009) (L. 8 * L. 9)	\$2,159,522
11- G2 Energy Revenue (May 2008 - April 2009) (2)	\$1,101,758
12- Estimated G2 Calendar Month Deliveries in kWh (May 2008 - April 2009) (1)	369,759,734
13- Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00298

Class G2 (1)

8. Estimated G2 Demand Revenue	\$1,154,808
9. Estimated G2 Deliveries in kW	<u>1,331,020</u>
10. Stranded Cost Charge (\$/kW) (L. 8 / L. 9)	\$0.87
11. G2 Energy Revenue	\$586,932
12. Estimated G2 Calendar Month Deliveries in kWh	<u>351,866,806</u>
13. Stranded Cost Charge (\$/kWh) (L.11 / L.12)	\$0.00167

Class G1

14- Stranded Cost Charge (\$/kVA)	\$2.25
15- Estimated G1 Deliveries in kVA (May 2008 - April 2009)	1,076,532
16- Estimated G1 Demand Revenue (May 2008 - April 2009) (L. 14 * L. 15)	\$2,422,197
17- G1 Energy Revenue (May 2008 - April 2009) (2)	\$1,053,192
18- Estimated G1 Calendar Month Deliveries in kWh (May 2008 - April 2009) (1)	394,225,662
19- Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00267

Class G1 (1)

14. Estimated G1 Demand Revenue	\$1,259,482
15. Estimated G1 Deliveries in kVA	<u>1,013,341</u>
16. Stranded Cost Charge (\$/kVA) (L. 14 / L. 15)	\$1.24
17. G1 Energy Revenue	\$534,552
18. Estimated G1 Calendar Month Deliveries in kWh	<u>362,431,082</u>
19. Stranded Cost Charge (\$/kWh) (L.17 / L.18)	\$0.00147

(1) Total estimated revenue based on Uniform per kWh Charge less estimated demand charge revenue.

(1) Demand and energy calculated based on ratio of demand and energy revenue under current rates.

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(I)

CALCULATION OF THE EXTERNAL DELIVERY CHARGE

1. (Over)/under Recovery - Beginning Balance May 2008	\$1,066,921	1. (Over)/under Recovery - Beginning Balance August 1, 2009	\$510,200
2. Estimated Total Costs (May 2008 - April 2009)	\$13,580,032	2. Estimated Total Costs (August 2009 - July 2010)	\$18,991,605
3. Estimated Interest (May 2008 - April 2009)	\$33,453	3. Estimated Interest (August 2009 - July 2010)	<u>\$2,763</u>
4. Costs to be Recovered (L.1 + L.2 + L.3)	\$14,680,406	4. Costs to be Recovered (L.1 + L.2 + L.3)	\$19,504,568
5. Estimated Calendar Month Deliveries in kWh (May 2008 - April 2009)	1,298,409,798	5. Estimated Calendar Month Deliveries in kWh (August 2009 - July 2010)	<u>1,226,188,039</u>
6. External Delivery Charge (\$/kWh) (L.5/L.6) effective May 1, 2008	\$0.01131	6. External Delivery Charge (\$/kWh) (L.5/L.6)	\$0.01591
7. Incremental Costs (June 2008 - April 2009)	\$3,300,019		
8. Estimated Calendar Month Deliveries in kWh (September 2008 - April 2009)	839,198,186		
9. Incremental Increase to External Delivery Charge (\$/kWh) (L. 7 / L. 8)	\$0.00393		
10. External Delivery Charge (\$/kWh) (L.6 + L. 9) effective September 1, 2008	0.01524		

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SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax)

The effective rates listed below include an Electricity Consumption Tax, assessed in accordance with NH Statute RSA Chapter 83-E.

This tax, collected on behalf of the State of NH by each electric utility, is based on kWh consumed.

Each bill rendered for electric delivery service shall be calculated through the application of the effective rates as listed below.

Class		Distribution Charge*	External Delivery Charge***	(I) External Delivery Charge**	Stranded Cost Charge**	(R) Stranded Cost Charge**	System Benefits Charge****	Total Delivery Charges	(R) Total Delivery Charges	Electricity Consumption Tax	Effective Delivery Rates (Incl. Electricity Consumption Tax)	(R) Effective Delivery Rates (Incl. Electricity Consumption Tax)
D	Customer Charge	\$8.40					(1)	\$8.40	\$8.40		\$8.40	\$8.40
	First 250 kWh	\$0.01810	\$0.01524	\$0.01591	\$0.00882	\$0.00495	\$0.00330	\$0.04546	\$0.04226	\$0.00055	\$0.04601	\$0.04281
	Excess 250 kWh	\$0.02310	\$0.01524	\$0.01591	\$0.00882	\$0.00495	\$0.00330	\$0.05046	\$0.04726	\$0.00055	\$0.05101	\$0.04781
G2	Customer Charge	\$11.00						\$11.00	\$11.00		\$11.00	\$11.00
	All kW	\$7.03			\$1.55	\$0.87		\$8.58	\$7.90		\$8.58	\$7.90
	All kWh	\$0.00000	\$0.01524	\$0.01591	\$0.00298	\$0.00167	\$0.00330	\$0.02152	\$0.02088	\$0.00055	\$0.02207	\$0.02143
G2 - kWh meter	Customer Charge	\$8.40						\$8.40	\$8.40		\$8.40	\$8.40
	All kWh	\$0.02975	\$0.01524	\$0.01591	\$0.00882	\$0.00495	\$0.00330	\$0.05711	\$0.05391	\$0.00055	\$0.05766	\$0.05446
G2 - Quick Recovery Water Heat and/or Space Heat	Customer Charge	\$3.75						\$3.75	\$3.75		\$3.75	\$3.75
	All kWh	\$0.02088	\$0.01524	\$0.01591	\$0.00882	\$0.00495	\$0.00330	\$0.04824	\$0.04504	\$0.00055	\$0.04879	\$0.04559
G1	Customer Charge	\$108.86	Secondary Voltage					\$108.86	\$108.86		\$108.86	\$108.86
	Customer Charge	\$64.51	Primary Voltage					\$64.51	\$64.51		\$64.51	\$64.51
	All kVA	\$5.69			\$2.25	\$1.24		\$7.94	\$6.93		\$7.94	\$6.93
	All kWh	\$0.00000	\$0.01524	\$0.01591	\$0.00267	\$0.00147	\$0.00330	\$0.02121	\$0.02068	\$0.00055	\$0.02176	\$0.02123
ALL GENERAL	Transformer Ownership Credit (kW/kVa)										(\$0.35)	(\$0.35)
	Voltage Discount at 4,160 Volts or Over (all kW/kVa and kWh)										2.00%	2.00%
	Voltage Discount at 34,500 Volts or Over (all kW/kVa and kWh)										3.50%	3.50%

(1) Includes low-income portion of \$0.00150 per kWh and energy efficiency portion of \$0.00180 per kWh.

* Authorized by NHPUC Order No. 24,742 in Case No. DE 05-178, dated April 13, 2007

** Authorized by NHPUC Order No. 24,851 in Case No. DE 08-040, dated April 23, 2008

*** Authorized by NHPUC Order No. 24,889 in Case No. DE 08-092, dated August 29, 2008

**** Authorized by NHPUC Order No. 24,903 in Case No. DE 08-097, dated September 30, 2008

NHPUC No. 3 - Electricity Delivery

Seventh~~Sixth~~ Revised Page 5

Unitil Energy Systems, Inc.

Superseding Sixth~~Fifth~~ Revised Page 5**SUMMARY OF DELIVERY SERVICE RATES (Includes Electricity Consumption Tax) (continued)**

<u>Class</u>	<u>Distribution Charge*</u>	(I) <u>External Delivery Charge***</u>	(R) <u>Stranded Cost Charge**</u>	(R) <u>System Benefits Charge****</u> (1)	(R) <u>Total Delivery Charges</u>	Electricity <u>Consumption Tax</u>	(R) <u>Effective Delivery Rates</u> (Incl. Electricity <u>Consumption Tax</u>)
OL							
All kWh	\$0.00000	\$0.01524	\$0.00882	\$0.00330	\$0.02736	\$0.00055	\$0.02791
		\$0.01591	\$0.00495		\$0.02416		\$0.02471

Luminaire Charges

<u>Nominal Watts</u>	<u>Lamp Size Lumens (Approx.)</u>	<u>Monthly kWh</u>	<u>Description</u>	<u>Price Per Luminaire Per Mo.</u>	<u>Per Year</u>
100	3,500	40	Mercury Vapor Street	\$7.88	\$94.56
175	7,000	67	Mercury Vapor Street	\$9.54	\$114.48
250	11,000	95	Mercury Vapor Street	\$10.95	\$131.40
400	20,000	154	Mercury Vapor Street	\$13.23	\$158.76
1,000	60,000	388	Mercury Vapor Street	\$27.29	\$327.48
250	11,000	95	Mercury Vapor Flood	\$11.73	\$140.76
400	20,000	154	Mercury Vapor Flood	\$14.24	\$170.88
1,000	60,000	388	Mercury Vapor Flood	\$24.26	\$291.12
100	3,500	40	Mercury Vapor Power Bracket	\$7.96	\$95.52
175	7,000	67	Mercury Vapor Power Bracket	\$8.94	\$107.28
50	4,000	21	Sodium Vapor Street	\$8.04	\$96.48
100	9,500	43	Sodium Vapor Street	\$9.18	\$110.16
150	16,000	60	Sodium Vapor Street	\$9.22	\$110.64
250	30,000	101	Sodium Vapor Street	\$11.82	\$141.84
400	50,000	161	Sodium Vapor Street	\$15.16	\$181.92
1,000	140,000	398	Sodium Vapor Street	\$26.94	\$323.28
150	16,000	60	Sodium Vapor Flood	\$10.79	\$129.48
250	30,000	101	Sodium Vapor Flood	\$12.90	\$154.80
400	50,000	161	Sodium Vapor Flood	\$14.80	\$177.60
1,000	140,000	398	Sodium Vapor Flood	\$27.18	\$326.16
50	4,000	21	Sodium Vapor Power Bracket	\$7.37	\$88.44
100	9,500	43	Sodium Vapor Power Bracket	\$8.39	\$100.68

(1) Includes low-income portion of \$0.00150 per kWh and energy efficiency portion of \$0.00180 per kWh.

* Authorized by NHPUC Order No. 24,742 in Case No. DE 05-178, dated April 13, 2007

** Authorized by NHPUC Order No. 24,851 in Case No. DE 08-040, dated April 23, 2008

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

Ninth~~Eighth~~ Revised Page 6
Superseding Eighth~~Seventh~~ Revised Page 6

***SUMMARY OF LOW-INCOME
ELECTRIC ASSISTANCE PROGRAM DISCOUNTS***

Low-Income Electric Assistance Program (LI-EAP) Discounts for Eligible Customers

(R)

<u>Rate D</u>					
<u>Tier</u>	<u>Percentage of Federal Poverty Guidelines</u>	<u>Discount</u>	<u>Blocks</u>	<u>LI-EAP Discount(1)</u>	
1	176 - 185	5%	Customer Charge	(\$0.42)	(\$0.42)
			First 250 kWh	(\$0.00658)	(\$0.00642)
			Excess 250 kWh	(\$0.00683)	(\$0.00667)
2	151 - 175	7%	Customer Charge	(\$0.59)	(\$0.59)
			First 250 kWh	(\$0.00921)	(\$0.00899)
			Excess 250 kWh	(\$0.00956)	(\$0.00934)
3	126 - 150	18%	Customer Charge	(\$1.51)	(\$1.51)
			First 250 kWh	(\$0.02370)	(\$0.02312)
			Excess 250 kWh	(\$0.02460)	(\$0.02402)
4	101 - 125	33%	Customer Charge	(\$2.77)	(\$2.77)
			First 250 kWh	(\$0.04344)	(\$0.04239)
			Excess 250 kWh	(\$0.04509)	(\$0.04404)
5	76 - 100	48%	Customer Charge	(\$4.03)	(\$4.03)
			First 250 kWh	(\$0.06319)	(\$0.06165)
			Excess 250 kWh	(\$0.06559)	(\$0.06405)
6	0 - 75	70%	Customer Charge	(\$5.88)	(\$5.88)
			First 250 kWh	(\$0.09215)	(\$0.08991)
			Excess 250 kWh	(\$0.09565)	(\$0.09341)

(1) Total utility charges from Page 4 (excluding the Electricity Consumption Tax) plus
Non-G1 class Fixed Default Service Rate multiplied by the appropriate discount.

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