Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate RD-1

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$3.00	$0.16	$3.16									$3.16	$3.62
All kWh				$0.00192	$0.03553	$0.00819	$0.02676	$0.01937	$0.00000	$0.00141	$0.02800	$0.12118	$0.13875
2001 Billing Determinants													
Customers	21,226	21,226	21,226										
kWh				147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560		
August 1997 Revenues	$764,136	$40,754	$804,890	$283,359	$5,243,608	$1,208,701	$3,949,309	$2,858,674	$0	$208,091	$4,132,312	$18,688,944	$21,398,841

Proposed Rates	Monthly Service Charge (3)	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$3.02	$0.00	$3.02									$3 02	$3 02
All kWh				$0.00197	$0.04174	$0.00819	$0.01187	$0.00000	$0.00362	$0.00300	$0.04700	$0.11739	$0.12399
2001 Billing Determinants													
Customers	21,226	21,226	21,226										
kWh				147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560	147,582,560		
Proposed Revenues	$769,230	$0	$769,230	$290,738	$6,160,096	$1,208,701	$1,751,805	$0	$534,249	$442,748	$6,936,380	$18,093,947	

Difference Between Proposed and August 1997 Revenue	($594,998)
Percent Difference Between Proposed and August 1997 Revenue	-3.18%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.44%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate RD-2

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$1.80	$0.16	$1.96									$1.96	$2.24
All kWh				$0.00192	$0.02074	$0.00492	$0.01561	$0.01937	$0.00000	$0.00141	$0.02800	$0.09197	$0.10531
2001 Billing Determinants													
Customers	1,888	1,888	1,888										
kWh				9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342		
August 1997 Revenues	$40,786	$3,625	$44,412	$18,141	$195,959	$46,486	$147,489	$183,014	$0	$13,322	$264,554	$913,376	$1,045,815

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$1.87	$0.00	$1.87									$1 87	$1 87
All kWh				$0.00197	$0.01714	$0.00492	$0.01187	$0.00000	$0.00362	$0.00300	$0.04700	$0.08952	$0.09612
2001 Billing Determinants													
Customers	1,888	1,888	1,888										
kWh				9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342	9,448,342		
Proposed Revenues	$42,372	$0	$42,372	$18,613	$161,945	$46,486	$112,152	$0	$34,203	$28,345	$444,072	$888,188	

Difference Between Proposed and August 1997 Revenue	($25,188)
Percent Difference Between Proposed and August 1997 Revenue	-2.76%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.07%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate GD-1

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$7.00	$0.16	$7.16									$7.16	$8.20
All kWh				$0.00189	$0.03493	$0.00932	$0.02630	$0.01937	$0.00000	$0.00327	$0.02800	$0.12308	$0.14093
2001 Billing Determinants													
Customers	1,411	1,411	1,411										
kWh				4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680		
August 1997 Revenues	$118,552	$2,710	$121,262	$8,903	$164,544	$43,904	$123,891	$91,246	$0	$15,404	$131,899	$701,052	$802,705

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$6.83	$0.00	$6.83									$6.83	$6.83
All kWh				$0.00194	$0.04248	$0.00932	$0.01187	$0.00000	$0.00362	$0.00300	$0.04700	$0.11923	$0.12583
2001 Billing Determinants													
Customers	1,411	1,411	1,411										
kWh				4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680	4,710,680		
Proposed Revenues	$115,673	$0	$115,673	$9,139	$200,110	$43,904	$55,916	$0	$17,053	$14,132	$221,402	$677,327	

Difference Between Proposed and August 1997 Revenue	($23,725)
Percent Difference Between Proposed and August 1997 Revenue	-3.38%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.62%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate GD-2

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$0.00	$0.16	$0.16									$0.16	$0.18
All kW				$0.29	$5.27		$3.97					$9.53	$10.91
All kWh				$0.00068	$0.01260	$0.00932	$0.00949	$0.01937	$0.00000	$0.00251	$0.02800	$0.08197	$0.09386
2001 Billing Determinants													
Customers	1,575	1,575	1,575										
All kW				399,972	399,972	399,972	399,972	399,972	399,972	399,972	399,972		
All kWh				104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544		
August 1997 Revenues	$0	$3,024	$3,024	$187,090	$3,425,250	$974,458	$2,580,119	$2,025,241	$0	$262,434	$2,927,555	$12,385,171	$14,181,021

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$6.83	$0.00	$6.83									$6.83	$6.83
All kW				$0.29	$5.94		$2.91					$9.14	$9.14
All kWh				$0.00073	$0.01419	$0.00932	$0.00074	$0.00000	$0.00362	$0.00300	$0.04700	$0.07860	$0.08520
2001 Billing Determinants													
Customers	1,575	1,575	1,575										
All kW				399,972	399,972	399,972	399,972	399,972	399,972	399,972	399,972		
All kWh				104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544	104,555,544		
Proposed Revenues	$129,087	$0	$129,087	$192,317	$3,859,475	$974,458	$1,241,074	$0	$378,491	$313,667	$4,914,111	$12,002,679	

Difference Between Proposed and August 1997 Revenue	($382,492)
Percent Difference Between Proposed and August 1997 Revenue	-3.09%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.36%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate GD-3

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$0.00	$0.16	$0.16									$0.16	$0.18
All kVA				$0.21	$3.94		$2.96					$7.11	$8.14
On Peak kWh				$0.00089	$0.01636	$0.00710	$0.01232	$0.01937	$0.00000	$0.00154	$0.02800	$0.08558	$0.09799
Off Peak kWh				$0.00020	$0.00369	$0.00710	$0.00278	$0.01937	$0.00000	$0.00154	$0.02800	$0.06268	$0.07177
2001 Billing Determinants (12)													
Customers	36	36	36										
All kVA				565,635	565,635		565,635						
On Peak kWh				115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228		
Off Peak kWh				111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460		
August 1997 Revenues	$0	$69	$69	$243,634	$4,525,130	$1,608,964	$3,403,831	$4,389,527	$0	$348,987	$6,345,211	$20,865,353	$23,890,829

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$500.00	$0.00	$500.00									$500.00	$500.00
All kVA				$0.21	$2.95		$3.69					$6.85	$6.85
On Peak kWh				$0.00094	$0.01225	$0.00710	$0.00525	$0.00000	$0.00362	$0.00300	$0.04700	$0.07916	$0.08576
Off Peak kWh				$0.00025	$0.00275	$0.00710	$0.00000	$0.00000	$0.00362	$0.00300	$0.04700	$0.06372	$0.07032
2001 Billing Determinants (12)													
Customers	36	36	36										
All kVA				565,635	565,635		565,635						
On Peak kWh				115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228	115,258,228		
Off Peak kWh				111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460	111,356,460		
Proposed Revenues	$216,500	$0	$216,500	$254,965	$3,386,766	$1,608,964	$2,689,916	$0	$820,345	$679,844	$10,650,890	$20,308,191	

Difference Between Proposed and August 1997 Revenue	($557,162)
Percent Difference Between Proposed and August 1997 Revenue	-2.67%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.00%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.
(12) Includes incremental adjustments to On Peak kWh, Off Peak kWh and kVA per the Department's Order in DTE 02/24-25, page 83.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate GD-4

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$4.00	$0.16	$4.16									$4.16	$4.76
All kW				$0.35	$6.51		$4.90					$11.76	$13.47
On Peak kWh				$0.00102	$0.01877	$0.00932	$0.01413	$0.01937	$0.00000	$0.00251	$0.02800	$0.09312	$0.10662
Off Peak kWh				$0.00022	$0.00415	$0.00932	$0.00313	$0.01937	$0.00000	$0.00251	$0.02800	$0.06670	$0.07637
2001 Billing Determinants													
Customers	2	2	2										
All kW				387	387		387						
On Peak kWh				93,955	93,955	93,955	93,955	93,955	93,955	93,955	93,955		
Off Peak kWh				348,210	348,210	348,210	348,210	348,210	348,210	348,210	348,210		
August 1997 Revenues	$96	$4	$100	$308	$5,728	$4,121	$4,314	$8,565	$0	$1,110	$12,381	$36,626	$41,937

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg	$6.83	$0.00	$6.83									$6.83	$6.83
All kW				$0.35	$2.33		$8.74					$11.42	$11.42
On Peak kWh				$0.00107	$0.00671	$0.00932	$0.01967	$0.00000	$0.00362	$0.00300	$0.04700	$0.09039	$0.09699
Off Peak kWh				$0.00027	$0.00148	$0.00932	$0.00006	$0.00000	$0.00362	$0.00300	$0.04700	$0.06475	$0.07135
2001 Billing Determinants													
Customers	2	2	2										
All kW				387	387		387						
On Peak kWh				93,955	93,955	93,955	93,955	93,955	93,955	93,955	93,955		
Off Peak kWh				348,210	348,210	348,210	348,210	348,210	348,210	348,210	348,210		
Proposed Revenues	$164	$0	$164	$330	$2,048	$4,121	$5,248	$0	$1,601	$1,326	$20,782	$35,620	

Difference Between Proposed and August 1997 Revenue	($1,006)
Percent Difference Between Proposed and August 1997 Revenue	-2.75%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.06%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate GD-5

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.	$0.00	$0.16	$0.16									$0.16	$0.18
All kWh				$0.00182	$0.03356	$0.00932	$0.02527	$0.01937	$0.00000	$0.00000	$0.02800	$0.11734	$0.13435
2001 Billing Determinants													
Customers	18	18	18										
kWh				977,436	977,436	977,436	977,436	977,436	977,436	977,436	977,436		
August 1997 Revenues	$0	$35	$35	$1,779	$32,803	$9,110	$24,700	$18,933	$0	$0	$27,368	$114,727	$131,362

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$0.00	$0.00	$0.00									$0.00	$0.00
All kWh				$0.00187	$0.03709	$0.00932	$0.01187	$0.00000	$0.00362	$0.00300	$0.04700	$0.11377	$0.12037
2001 Billing Determinants													
Customers	18	18	18										
kWh				977,436	977,436	977,436	977,436	977,436	977,436	977,436	977,436		
Proposed Revenues	$0	$0	$0	$1,828	$36,253	$9,110	$11,602	$0	$3,538	$2,932	$45,939	$111,203	

Difference Between Proposed and August 1997 Revenue	($3,524)
Percent Difference Between Proposed and August 1997 Revenue	-3.07%
Percent Difference versus Inflation Adjusted August 1997 Revenue	-15.35%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate SD - Outdoor Lighting

August 1997 Rates (1)	Monthly Service Charge	Energy Conservation Service	Total Customer Charge	Internal Transmission Charge	Distribution Charge	Seabrook Amortization Surcharge	Access Charge Base Component	Access Charge EFC Component	External Transmission Charge	Conservation Charge	Generation Charge	Total	Inflation Adjusted Total
Cust. Chg.												$0.00	$0.00
All kWh	$0.00	$0.00	$0.00	($0.00002)	($0.00035)	$0.00766	($0.00027)	$0.01937	$0.00000	$0.00000	$0.02800	$0.05439	$0.06228
2001 Billing Determinants													
Customers	-	-	-										
kWh				3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803		
August 1997 Revenues	$0	$0	$0	($63)	($1,098)	$24,028	($847)	$60,760	$0	$0	$87,830	$170,611	$195,349

Proposed Rates	Monthly Service Charge	Energy Conservation Service (2)	Total Customer Charge (3)	Internal Transmission Charge (4)	Distribution Charge (5)	Seabrook Amortization Surcharge	Total Transition Charge (6)	Default Service Adjustment	External Transmission Charge (7)	Energy Efficiency Charge (8)	SOS Generation Charge (9)	Total (10)	Total with SOSFA (11)
Cust. Chg.	$0.00	$0.00	$0.00									$0.00	$0.00
All kWh				$0.00005	$0.00057	$0.00766	$0.01187	$0.00000	$0.00362	$0.00300	$0.04700	$0.07377	$0.08037
2001 Billing Determinants													
Customers	-	-	-										
kWh				3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803	3,136,803		
Proposed Revenues	$0	$0	$0	$157	$1,788	$24,028	$37,234	$0	$11,355	$9,410	$147,430	$231,401.93	

Difference Between Proposed and August 1997 Revenue	$60,791
Percent Difference Between Proposed and August 1997 Revenue	35.63%
Percent Difference versus Inflation Adjusted August 1997 Revenue	18.46%
With Luminaire Charges	-15.98%

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.
(2) The ECS Charge is now included in the Energy Efficiency Charge.
(3) The Customer Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(4) The Internal Transmission Charge includes the Internal Transmission Service Cost Adjustment of $0.00005 per kWh effective Jan. 1, 2003.
(5) The Distribution Charges are set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).
(6) The Total Transition Charge is set to be uniform for each class at a level of $0.01187 per kWh.
(7) The External Transmission Charge is set at $0.00362 per kWh effective Jan. 1, 2003.
(8) The Energy Efficiency Charge equals the 2003 mandatory Energy Efficiency Charge of $0.00250/kWh plus the mandatory Renewable Resources Charge of $0.00050/kWh.
(9) The Standard Offer Service charge is now set at $0.04700 per kWh effective Jan. 1, 2003 per the Company's tariff page M.D.T.E. No. 99.
(10) The class total of all inflation adjusted charges is reduced by at least 15% in compliance with the Act.
(11) SOSFA of $0.00660 per kWh effective Jan. 1, 2003.

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Rate SD - Outdoor Lighting Monthly Luminaire Charges

August 1997 Rates (1)							August 1997 Annual Revenues				
Lumens	Luminaire	Internal Transmission Charge	Distribution Charge	Access Charge - Base Component	Total	Inflation Adjusted Total	No. of Lights	Internal Transmission Charge	Distribution Charge	Access Charge - Base Component	Total
Mercury Vapor:											
3,500	Residential and Commercial Type	$0.23	$4.33	$3.26	$7.82	$8.95	0	$0	$0	$0	$0
7,000	Residential and Commercial Type	$0.27	$5.08	$3.82	$9.17	$10.50	3	$10	$180	$135	$325
3,500	Street and Highway Type	$0.23	$4.33	$3.26	$7.82	$8.95	30	$83	$1,566	$1,179	$2,827
7,000	Street and Highway Type	$0.27	$5.08	$3.82	$9.17	$10.50	12	$39	$735	$552	$1,326
20,000	Street and Highway Type	$0.52	$9.59	$7.22	$17.33	$19.84	5	$31	$575	$433	$1,040
60,000	Street and Highway Type	$1.03	$19.09	$14.37	$34.49	$39.49	8	$99	$1,842	$1,386	$3,328
20,000	Flood Light Type	$0.56	$10.41	$7.83	$18.80	$21.53	70	$469	$8,716	$6,556	$15,740
3,500	Power Bracket Included	$0.24	$4.51	$3.39	$8.14	$9.32	92	$266	$5,000	$3,758	$9,024
7,000	Power Bracket Included	$0.29	$5.36	$4.03	$9.68	$11.08	72	$251	$4,646	$3,493	$8,390
High Pressure Sodium:											
3,300	Residential and Commercial Type	$0.20	$3.60	$2.72	$6.52	$7.47	2,524	$6,057	$109,021	$82,371	$197,449
9,500	Residential and Commercial Type	$0.24	$4.49	$3.38	$8.11	$9.29	36	$104	$1,939	$1,459	$3,502
3,300	Street and Highway Type	$0.20	$3.60	$2.72	$6.52	$7.47	188	$450	$8,100	$6,120	$14,671
9,500	Street and Highway Type	$0.24	$4.49	$3.38	$8.11	$9.29	690	$1,988	$37,186	$27,993	$67,167
20,000	Street and Highway Type	$0.39	$7.18	$5.41	$12.98	$14.86	321	$1,500	$27,620	$20,811	$49,932
50,000	Street and Highway Type	$0.56	$10.42	$7.85	$18.83	$21.56	43	$290	$5,398	$4,067	$9,755
140,000	Street and Highway Type	$1.19	$21.94	$16.53	$39.66	$45.41	119	$1,699	$31,328	$23,603	$56,630
50,000	Flood Light Type	$0.64	$11.78	$8.87	$21.29	$24.38	426	$3,275	$60,287	$45,395	$108,957
Ornamental Lighting:											
3,300	Street and Highway Type	$0.16	$2.94	$2.21	$5.31	$6.08	5	$10	$176	$133	$319
Total							4,644	$16,621	$304,314	$229,445	$550,380
							August 1997 Revenues Adjusted for 14.50% Inflation				$630,185

Proposed Rates:							Proposed Annual Revenues				
Lamp Size Lumens	Type of Luminaire	Internal Transmission Charge	Distribution Charge (2)	Transition Charge (3)	Total	Inflation Adjusted Percent Difference	No. of Lights	Internal Transmission Charge	Distribution Charge	Transition Charge	Total
Mercury Vapor:											
3,500	Residential and Commercial Type	$0.23	$6.48	$0.00	$6.71	-25.06%	0	$0	$0	$0	$0
7,000	Residential and Commercial Type	$0.27	$7.19	$0.00	$7.46	-28.95%	3	$10	$255	$0	$264
3,500	Street and Highway Type	$0.23	$6.48	$0.00	$6.71	-25.06%	30	$83	$2,343	$0	$2,426
7,000	Street and Highway Type	$0.27	$7.19	$0.00	$7.46	-28.95%	12	$39	$1,040	$0	$1,079
20,000	Street and Highway Type	$0.52	$13.05	$0.00	$13.57	-31.61%	5	$31	$783	$0	$814
60,000	Street and Highway Type	$1.02	$24.93	$0.00	$25.95	-34.29%	8	$99	$2,405	$0	$2,504
20,000	Flood Light Type	$0.56	$14.42	$0.00	$14.98	-30.41%	70	$466	$12,073	$0	$12,539
3,500	Power Bracket Included	$0.24	$6.79	$0.00	$7.03	-24.57%	92	$265	$7,527	$0	$7,792
7,000	Power Bracket Included	$0.29	$7.65	$0.00	$7.94	-28.36%	72	$250	$6,631	$0	$6,881
High Pressure Sodium:											
3,300	Residential and Commercial Type	$0.20	$5.62	$0.00	$5.82	-22.04%	2,524	$6,045	$170,194	$0	$176,238
9,500	Residential and Commercial Type	$0.24	$6.69	$0.00	$6.93	-25.37%	36	$103	$2,888	$0	$2,992
3,300	Street and Highway Type	$0.20	$5.62	$0.00	$5.82	-22.04%	188	$449	$12,646	$0	$13,095
9,500	Street and Highway Type	$0.24	$6.69	$0.00	$6.93	-25.37%	690	$1,981	$55,407	$0	$57,388
20,000	Street and Highway Type	$0.39	$9.96	$0.00	$10.35	-30.36%	321	$1,494	$38,315	$0	$39,808
50,000	Street and Highway Type	$0.56	$14.16	$0.00	$14.72	-31.73%	43	$288	$7,335	$0	$7,624
140,000	Street and Highway Type	$1.18	$29.04	$0.00	$30.22	-33.45%	119	$1,688	$41,466	$0	$43,154
50,000	Flood Light Type	$0.64	$16.43	$0.00	$17.07	-29.98%	426	$3,259	$84,085	$0	$87,344
Ornamental Lighting:											
3,300	Street and Highway Type	$0.16	$4.51	$0.00	$4.67	-23.19%	5	$10	$271	$0	$280
Total							4,644	$16,559	$445,662	$0	$462,221

Rate Design Notes:

(1) August 1997 rates, unbundled components based on FG&E's March 3, 1997 Electric Rate Unbundling Compliance filing, adjusted for August 1997 EFC, ECS, and CC.

(2) The Distribution Charge is set equal to the current rates effective Dec. 2, 2002 (D.T.E. 02-24/25).

(3) The Transition Charges are set to zero because the uniform transition charge is collected in the energy charge.

Difference Between Proposed and August 1997 Revenue	($88,159)
Percent Difference Between Proposed and August 1997 Revenue	-16.02%
Percent Difference Between Proposed and Inflation Adjusted August 1997 Revenue	-26.65%

Fitchburg Gas and Electric Light Company
December 20, 2002 Electric Reconciliation Mechanism and Inflation Adjustment Filing - Rate Design
Calculation of 10% Farm Discount[1]
Based on Summary of Unbundled Rates, Including Standard Offer Generation Service and SOSFA

Service	Blocks	Total Charges (1)	Farm Credit (2)	Total Farm Charges (3)
Standard RD-1	Customer Charge	$3.02	($0.30)	$2.72
	All kWh	$0.12399	($0.01240)	$0.11159
Low-Income RD-2	Customer Charge	$1.87	($0.19)	$1.68
	All kWh	$0.09612	($0.00961)	$0.08651
Small Commercial GD-1	Customer Charge	$6.83	($0.68)	$6.15
	All kWh	$0.12583	($0.01258)	$0.11325
Large Commercial GD-2	Customer Charge	$6.83	($0.68)	$6.15
	All kW	$9.14	($0.91)	$8.23
	All kWh	$0.08520	($0.00852)	$0.07668
Industrial GD-3	Customer Charge	$500.00	($50.00)	$450.00
	All kVa	$6.85	($0.69)	$6.16
	On Peak kWh	$0.08576	($0.00858)	$0.07718
	Off Peak kWh	$0.07032	($0.00703)	$0.06329
Optional Time-of-Use GD-4 available to GD-2	Customer Charge	$6.83	($0.68)	$6.15
	All kW	$11.42	($1.14)	$10.28
	On Peak kWh	$0.09699	($0.00970)	$0.08729
	Off Peak kWh	$0.07135	($0.00714)	$0.06421
Water Heating and/or Space Heating GD-5	Customer Charge	$0.00	$0.00	$0.00
	All kWh	$0.12037	($0.01204)	$0.10833

(1) Including Standard Offer Generation Service Charges of $0.04700 per kWh and Fuel Adjustment of $0.00660 per kWh.
(2) Ten percent discount calculated based on Total Charges.