

**Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR**

**For Illustrative Purposes Only
Sheet 1**

Delivery Service	M.D.P.U. No.	Blocks	Customer Charge	Base Distribution	Total Other Distribution (1)	Transition Charge	Basic Service Adjustment	Total Transition Charge	Internal Transmission	Internal Transmission Service Cost Adjustment	External Transmission	Total Transmission	Renewable Resource	Energy Efficiency	SMART Solar Massachusetts Renewable Target	Total Delivery	
Residential RD-1	353	Customer Charge All kWh	\$7.00	\$0.07752	\$0.04897	(\$0.00049)	(\$0.00152)	(\$0.00201)	\$0.00394	(\$0.00109)	\$0.02298	\$0.02583	\$0.00050	\$0.00250	(\$0.00006)	\$7.00	
Farm Credit		Customer Charge All kWh														(\$0.70)	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Low-Income Residential RD-2	354	Customer Charge All kWh	\$7.00	\$0.07752	\$0.03276	(\$0.00049)	(\$0.00152)	(\$0.00201)	\$0.00394	(\$0.00109)	\$0.02298	\$0.02583	\$0.00050	\$0.00250	(\$0.00006)	\$7.00	
25% Low Income Discount		Customer Charge All kWh														(\$2.42)	
Farm Credit		Customer Charge All kWh														(\$0.46)	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Small General GD-1	355	Customer Charge All kWh	\$10.00	\$0.07701	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	
Farm Credit		Customer Charge All kWh														(\$1.00)	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Regular General GD-2	355	Customer Charge All kW	\$10.00	\$9.64	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	
Farm Credit		Customer Charge All kW		\$0.02326												\$9.64	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Large General GD-3	355	Customer Charge On Peak kVA	\$300.00	\$7.93	\$0.01520	(\$0.00049)	(\$0.00041)	(\$0.00090)	\$0.00310	(\$0.00075)	\$0.01581	\$0.01816	\$0.00050	\$0.00250	(\$0.00001)	\$300.00	
Farm Credit		Customer Charge On Peak kVA		\$0.01909	\$0.01520	(\$0.00049)	(\$0.00041)	(\$0.00090)	\$0.00310	(\$0.00075)	\$0.01581	\$0.01816	\$0.00050	\$0.00250	(\$0.00001)	\$7.93	
<i>Last Change</i>			<i>8/1/11</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Optional Time-of-Use GD-4 (2)	355	Customer Charge On Peak kW	\$10.00	\$3.85	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	
Farm Credit		Customer Charge On Peak kW		\$0.01003	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$3.85	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Water Heating and/or Space Heating GD-5 (2)	355	Customer Charge All kWh	\$0.00	\$0.05956	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$0.00	
Farm Credit		Customer Charge All kWh														\$0.00	
<i>Last Change</i>			<i>6/1/14</i>	<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
ALL GENERAL		Transformer Ownership Credit of \$0.19 may apply to all kW for schedules GD-2 and GD-4. High Voltage Metering and No Transformation, 3% Discount at 4,160 Volts or Over may apply to all kW / kVA and kWh.															
Outdoor Lighting Company Owned-SD	356	Customer Charge All kWh		Luminaire Charges - See Sheet 3			\$0.03883	(\$0.00049)	(\$0.00147)	(\$0.00196)	\$0.00318	(\$0.00103)	\$0.02177	\$0.02392	\$0.00050	\$0.00250	(\$0.00006)
Farm Credit		Customer Charge All kWh														(\$0.00637)	
<i>Last Change</i>				<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/03</i>	<i>1/1/02</i>	<i>1/1/20</i>	<i>11/1/20</i>	
Outdoor Lighting Customer Owned-SDC	357	All kWh		\$0.06307	\$0.03883	(\$0.00049)	(\$0.00147)	(\$0.00196)	\$0.00318	(\$0.00103)	\$0.02177	\$0.02392	\$0.00050	\$0.00250	(\$0.00006)	\$0.12680	
Farm Credit		All kWh														(\$0.01268)	
<i>Last Change</i>				<i>11/1/20</i>	<i>11/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>6/1/14</i>	<i>6/1/14</i>	<i>1/1/20</i>	<i>11/1/20</i>	

(1) See Sheet 2.

(2) Service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

**Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR**

**For Illustrative Purposes Only
Sheet 2**

			Other Billed Distribution Charges										
Delivery Service	M.D.P.U. No.	Blocks	Pension/PBOP Adjustment Factor	Energy Efficiency Reconciliation Factor	Residential Assistance Adjustment Factor	Net Metering Recovery Surcharge	Revenue Decoupling Adjustment Factor	Att. General Consultant Expense Factor	Long-Term Renewable Contract Adjustment	Capital Cost Adjustment Factor	Solar Cost Adjustment Factor	Tax Act Credit Factor	Total Other Distribution
Residential RD-1	353	All kWh	\$0.00224	\$0.01947	\$0.00672	\$0.01218	\$0.00485	\$0.00058	\$0.00198	\$0.00000	\$0.00095	\$0.00000	\$0.04897
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Low-Income Residential RD-2	354	All kWh	\$0.00224	\$0.00326	\$0.00672	\$0.01218	\$0.00485	\$0.00058	\$0.00198	\$0.00000	\$0.00095	\$0.00000	\$0.03276
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Small General GD-1	355	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00000	\$0.00067	\$0.00000	\$0.02732
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Regular General GD-2	355	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00000	\$0.00067	\$0.00000	\$0.02732
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Large General GD-3	355	On Peak kWh Off Peak kWh	\$0.00045 \$0.00045	\$0.00601 \$0.00601	\$0.00180 \$0.00180	\$0.00326 \$0.00326	\$0.00129 \$0.00129	\$0.00016 \$0.00016	\$0.00198 \$0.00198	\$0.00000 \$0.00000	\$0.00025 \$0.00025	\$0.00000 \$0.00000	\$0.01520 \$0.01520
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Optional Time-of-Use GD-4 (1)	355	On Peak kWh Off Peak kWh	\$0.00162 \$0.00162	\$0.00601 \$0.00601	\$0.00470 \$0.00470	\$0.00853 \$0.00853	\$0.00340 \$0.00340	\$0.00041 \$0.00041	\$0.00198 \$0.00198	\$0.00000 \$0.00000	\$0.00067 \$0.00067	\$0.00000 \$0.00000	\$0.02732 \$0.02732
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Water Heating and/or Space Heating GD-5 (1)	355	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00000	\$0.00067	\$0.00000	\$0.02732
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Outdoor Lighting Company Owned-SD	356	All kWh	\$0.00624	\$0.00601	\$0.00653	\$0.01185	\$0.00472	\$0.00057	\$0.00198	\$0.00000	\$0.00093	\$0.00000	\$0.03883
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>
Outdoor Lighting Customer Owned-SDC	357	All kWh	\$0.00624	\$0.00601	\$0.00653	\$0.01185	\$0.00472	\$0.00057	\$0.00198	\$0.00000	\$0.00093	\$0.00000	\$0.03883
<i>Last Change</i>			<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>11/1/20</i>	<i>6/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>

(1) Service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

Issued by: Laurence M. Brock
Sr. Vice President

Issued:
Effective: November 1, 2020

**Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR**

**Company Owned Outdoor Lighting Delivery Service - Luminaire Charges
M.D.P.U. No. 356**

Lamp Size Lumens	Type of Luminaire	Total Distribution Charge per Luminaire		Total Farm Credit Per Month
		Per Month	Per Year	
Mercury Vapor*:				
3,500	Street and Highway Type	\$13.29	\$159.48	(\$1.33)
7,000	Street and Highway Type	\$14.74	\$176.88	(\$1.47)
20,000	Street and Highway Type	\$26.78	\$321.36	(\$2.68)
60,000	Street and Highway Type	\$51.19	\$614.28	(\$5.12)
20,000	Flood Light Type	\$29.61	\$355.32	(\$2.96)
3,500	Power Bracket Included	\$13.92	\$167.04	(\$1.39)
7,000	Power Bracket Included	\$15.67	\$188.04	(\$1.57)
High Pressure Sodium:				
3,300	Street and Highway Type	\$11.53	\$138.36	(\$1.15)
9,500	Street and Highway Type	\$13.71	\$164.52	(\$1.37)
20,000	Street and Highway Type	\$20.44	\$245.28	(\$2.04)
50,000	Street and Highway Type	\$29.06	\$348.72	(\$2.91)
140,000	Street and Highway Type	\$59.62	\$715.44	(\$5.96)
50,000	Flood Light Type	\$33.73	\$404.76	(\$3.37)
Metal Halide:				
3,700	Cobra Head Type	\$16.14	\$193.68	(\$1.61)
5,000	Cobra Head Type	\$18.44	\$221.28	(\$1.84)
10,000	Cobra Head Type	\$22.79	\$273.48	(\$2.28)
3,700	Flood Light Type	\$16.48	\$197.76	(\$1.65)
5,000	Flood Light Type	\$19.06	\$228.72	(\$1.91)
10,000	Flood Light Type	\$22.64	\$271.68	(\$2.26)
47,000	Flood Light Type	\$48.66	\$583.92	(\$4.87)
3,700	Power Bracket Included	\$16.42	\$197.04	(\$1.64)
5,000	Power Bracket Included	\$18.74	\$224.88	(\$1.87)
10,000	Power Bracket Included	\$23.15	\$277.80	(\$2.32)
Light Emitting Diode (LED):				
3,850	Cobra Head Type	\$9.97	\$119.64	(\$1.00)
6,100	Cobra Head Type	\$11.82	\$141.84	(\$1.18)
10,680	Cobra Head Type	\$14.82	\$177.84	(\$1.48)
20,000	Cobra Head Type	\$23.88	\$286.56	(\$2.39)
4,572	Flood Light Type	\$15.59	\$187.08	(\$1.56)
6,810	Flood Light Type	\$16.39	\$196.68	(\$1.64)
11,253	Flood Light Type	\$25.39	\$304.68	(\$2.54)
15,300	Flood Light Type	\$25.30	\$303.60	(\$2.53)
50,403	Flood Light Type	\$54.63	\$655.56	(\$5.46)
2,887	Power Bracket Included	\$10.61	\$127.32	(\$1.06)
6,100	Power Bracket Included	\$11.82	\$141.84	(\$1.18)
12,290	Power Bracket Included	\$17.64	\$211.68	(\$1.76)
17,200	Power Bracket Included	\$21.06	\$252.72	(\$2.11)
Ornamental Lighting:				
3,300	Street and Highway Type	\$9.26	\$111.12	(\$0.93)
<i>Last Change - All Luminaires</i>		<i>11/1/20</i>	<i>11/1/20</i>	<i>11/1/20</i>

* Mercury Vapor Lighting is not available for new lighting installations, effective January 1, 1991.

Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR

Basic Service - \$/kWh M.D.P.U. No. 282		Jun 2020 (1)	Jul 2020 (1)	Aug 2020 (1)	Sep 2020 (1)	Oct 2020 (1)	Nov 2020 (1)	Last change
Residential - RD-1, RD-2	Fixed	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	6/1/20
	Variable	\$0.09199	\$0.09471	\$0.08954	\$0.09068	\$0.08915	\$0.10254	6/1/20
RD-1 Farm Credit	Fixed	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	6/1/20
	Variable	(\$0.00920)	(\$0.00947)	(\$0.00895)	(\$0.00907)	(\$0.00892)	(\$0.01025)	6/1/20
Residential RD-2 25% & 34.5% (11/1/20) Low Income Discoun	Fixed	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.03209)	6/1/20 & 11/1/20
	Variable	(\$0.02300)	(\$0.02368)	(\$0.02239)	(\$0.02267)	(\$0.02229)	(\$0.03538)	6/1/20 & 11/1/20
RD-2 Farm Credit	Fixed	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00609)	6/1/20 & 11/1/20
	Variable	(\$0.00690)	(\$0.00710)	(\$0.00672)	(\$0.00680)	(\$0.00669)	(\$0.00672)	6/1/20 & 11/1/20
Small General - GD-1	Fixed	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	6/1/20
	Variable	\$0.09199	\$0.09471	\$0.08954	\$0.09068	\$0.08915	\$0.10254	6/1/20
Farm Credit	Fixed	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	6/1/20
	Variable	(\$0.00920)	(\$0.00947)	(\$0.00895)	(\$0.00907)	(\$0.00892)	(\$0.01025)	6/1/20
Medium General and Outdoor Lighting - GD-2, GD-4, GD-5, SD	Fixed	\$0.08115	\$0.08115	\$0.08115	\$0.08115	\$0.08115	\$0.08115	6/1/20
	Variable	\$0.07739	\$0.08185	\$0.08073	\$0.08019	\$0.07815	\$0.08912	6/1/20
Farm Credit	Fixed	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	6/1/20
	Variable	(\$0.00774)	(\$0.00819)	(\$0.00807)	(\$0.00802)	(\$0.00782)	(\$0.00891)	6/1/20
Large General - GD-3	Fixed	N/A	N/A	N/A	N/A	N/A	N/A	6/1/20
	Variable	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	6/1/20
Farm Credit	Fixed	N/A	N/A	N/A	N/A	N/A	N/A	6/1/20
	Variable	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	6/1/20

(1) Pursuant to Basic Service Schedule BS (M.D.P.U. 282), effective April 13, 2015.
Rates include Basic Service Costs Adder of \$0.00635/kWh effective December 1, 2019.

Issued by: Laurence M. Brock
Sr. Vice President

Issued:
Effective: November 1, 2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

2017 TAX ACT CREDIT FACTOR

SCHEDULE TACF

CANCELLATION SUPPLEMENT

2017 Tax Act Credit Factor, Schedule TACF, M.D.P.U. No. 326 filed January 4, 2019
and effective February 1, 2019 is hereby cancelled.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1

AVAILABILITY

Service is available under this Schedule for all domestic purposes at individual private dwellings and in individual apartments and apartment or condominium buildings. Service is also available under this Schedule for existing churches and farms at existing locations that received service under this rate prior to the effective date of this tariff page. An existing church or farm which changes its load characteristics by adding new load may no longer qualify for this rate schedule. Single Phase motors exceeding 5 horsepower will be allowed only upon approval by the Company in each instance. When service is delivered through one meter and used for both domestic and non-domestic purposes, billing shall be under this Schedule only if the predominant use of demand, determined by the Company on the basis of metered load data, connected loads, or consumption, is for domestic purposes. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

This Schedule is not available for service furnished for commercial or business purposes including garages, motels, hotels, and boarding houses or residences in which three or more rooms are rented, or for any other non-residential purposes.

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service and limited to 200 Amps at 240 volts. In some areas service may be 120/208 volts.

DELIVERY SERVICE CHARGES - MONTHLY

- Customer Charge** As per Schedule SR as in effect from time to time
- Distribution Charge:**
 - All kWh** As per Schedule SR as in effect from time to time
- Transition Charge:**
 - All kWh** As per Schedule SR as in effect from time to time
- Internal Transmission Charge:**
 - All kWh** As per Schedule SR as in effect from time to time

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1 (Continued)

MINIMUM CHARGE

The minimum charge shall be the Customer Charge.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1 (Continued)

Cost Adjustment and Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until canceled by either party upon at least 30 days written notice.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2

AVAILABILITY

Service is available under this Schedule for all domestic purposes at individual private dwellings and in individual apartments. Single phase motors exceeding 5 horsepower will be allowed only upon approval by the Company in each instance. This Schedule is not available for an alternate or seasonal home and is not available for service furnished for commercial or business purposes. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time. The Company shall guarantee payment to the generation supplier for all power sold to low-income customers at the discounted rates. The guaranteed payment shall be limited to the amount that the Company would have charged the Customer for Basic Service.

Eligibility for this schedule shall be established upon verification of a low-income Customer's receipt of any means-tested public benefit, or verification of eligibility for the low-income home energy assistance program, or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income, or other criteria approved by the Massachusetts Department of Public Utilities. Said public benefits may include, but are not limited to, assistance which provides cash, housing, food, or medical care, including, but not limited to, transitional assistance for needy families, supplemental security income, emergency assistance to elders, disabled, and children, food stamps, public housing, federally-subsidized or state-subsidized housing, the low-income home energy assistance program, veteran's benefits, and similar benefits. Customers who qualify for this Schedule shall be required each year to certify their continuing compliance with the terms hereof.

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service and limited to 200 Amps at 240 volts. In some areas service may be 120/208 volts.

DELIVERY SERVICE CHARGES - MONTHLY

- Customer Charge** As per Schedule SR as in effect from time to time
- Distribution Charge:**
 - All kWh** As per Schedule SR as in effect from time to time
- Transition Charge:**
 - All kWh** As per Schedule SR as in effect from time to time

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Sr. Vice President

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2 (continued)

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall represent a discount of 34.5 percent (34.5%) versus the total amount under RD-1.

MINIMUM CHARGE

The minimum charge shall be the Customer Charge less the application of the Low Income Discount Adjustment provided under this rate schedule.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2 (continued)

Solar Massachusetts Renewable Target - Schedule SP

Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until canceled by either party upon at least 30 days written notice.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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Sr. Vice President

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD

AVAILABILITY

Service is available under this Schedule at single locations to Commercial and Industrial customers where the Company delivers electricity for the exclusive use of the customer and not for resale. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

CHARACTER OF SERVICE

Continuous, 60 hertz, alternating current, single-phase or three-phase service at various voltage levels with the Customer's connected phase requirements and delivery voltage to be designated by the Company.

DELIVERY SERVICE CHARGES - MONTHLY

GD-1 Small General Delivery Service: for all customers with non-residential loads consistently under four (4) kilowatts and energy consumption less than eight hundred fifty (850) kilowatt-hours per month:

- Customer Charge** As per Schedule SR as in effect from time to time
- Distribution Charge:**
 - All kWh** As per Schedule SR as in effect from time to time
- Transition Charge:**
 - All kWh** As per Schedule SR as in effect from time to time
- Internal Transmission Charge:**
 - All kWh** As per Schedule SR as in effect from time to time

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

GD-2 Regular General Delivery Service: for commercial Customers with demands, excluding space heating and water heating loads eligible under the G-5 rate, consistently greater than or equal to four (4) kilowatts or energy consumption consistently greater than or equal to eight hundred fifty (850) kilowatt-hours per month and generally less than one hundred twenty thousand (120,000) kilowatt-hours per month:

- Customer Charge** As per Schedule SR as in effect from time to time
- Distribution Charge:**
 - All kW** As per Schedule SR as in effect from time to time
 - All kWh** As per Schedule SR as in effect from time to time
- Transition Charge:**
 - All kW** As per Schedule SR as in effect from time to time
 - All kWh** As per Schedule SR as in effect from time to time
- Internal Transmission Charge:**
 - All kWh** As per Schedule SR as in effect from time to time

GD-3 Large General Delivery Service: for any industrial or large commercial Customer, not participating in special contract rates with energy consumption generally greater than or equal to one hundred twenty thousand (120,000) kilowatt-hours per month:

- Customer Charge** As per Schedule SR as in effect from time to time
- Distribution Charge:**
 - All kVA** As per Schedule SR as in effect from time to time
 - All kWh - On Peak Hours** As per Schedule SR as in effect from time to time
 - All kWh - Off Peak Hours** As per Schedule SR as in effect from time to time
- Transition Charge:**
 - All kVA** As per Schedule SR as in effect from time to time
 - All kWh - On Peak Hours** As per Schedule SR as in effect from time to time
 - All kWh - Off Peak Hours** As per Schedule SR as in effect from time to time
- Internal Transmission Charge:**
 - All kWh - On Peak Hours** As per Schedule SR as in effect from time to time
 - All kWh - Off Peak Hours** As per Schedule SR as in effect from time to time

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

For the purpose of billing under the GD-3 rate, "On-Peak" is defined to be between the hours of 10:00 A.M. and 10:00 P.M. (local time) for all non-holiday weekdays, Monday through Friday. "Off-Peak" is defined to be between the hours of 10:00 P.M. and 10:00 A.M. (local time) during non-holiday weekdays and all-day for weekends, Saturday and Sunday, and all-day for official Federal and Massachusetts holidays that occur on a weekday.

GD-4 Optional General Delivery Time-Of-Use: service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kW - On Peak Hours As per Schedule SR as in effect from time to time

All kW - Off Peak Hours As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Transition Charge:

All kW - On Peak Hours As per Schedule SR as in effect from time to time

All kW - Off Peak Hours As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

For the purpose of billing under the GD-4 rate, On-Peak and Off-Peak periods will be the same as those defined under the GD-3 service.

GD-5 Water And/Or Space Heating Delivery Rider: This provision is restricted to Customers presently served on this rate or having a building permit as of May 1, 1985. If a Customer has installed and in regular operation throughout the entire year a Company approved electric water heater which supplies the Customer's entire water heating requirements and/or a Customer has permanently installed electric space heating equipment for five (5) kilowatts or more, the Customer may elect to have this service metered separately and billed as follows:

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

When this option is requested, it shall apply for at least 12 months. Space heating Customers shall be subject to a separate minimum charge of \$8.00 per year per kilowatt of installed space heating capacity. This provision applies for both electric heating and electric cooling where the two services are combined by the manufacturer in a single self-contained unit.

DETERMINATION OF DEMAND

For the purpose of billing under the GD-1 Small General Delivery Service Rate and GD-5 Water And/Or Space Heating Delivery Rider, no demand charges will be rendered. The Company, however, reserves the right, at any time, to monitor each GD-1 Customer's load using appropriate metering equipment. When it is determined that a GD-1 Customer's load consistently equals or exceeds 4 kW or its energy consumption equals or exceeds 850 kWh, the Company shall, at its discretion, render bills based on the GD-2 Regular General Delivery Service rate or the GD-4 Optional General Delivery Time-Of-Use rate.

For the purpose of demand billing under the GD-2 Regular General Delivery Service rate and the GD-4 Optional General Delivery Time-Of-Use rate, demands shall be measured as the highest 15-minute integrated kilowatt (kW) load determined during the month for which the charge is rendered, but not less than any specified minimum available contract capacity, if applicable.

The billing demand measured under the GD-2 and GD-4 rates shall be taken in 0.5 kW intervals, and those demands falling between any half kW interval shall be billed at the next lower 0.5 kW increment.

For the purpose of demand billing under the GD-3 Large General Delivery Service rate, demands shall be measured as the highest 15-minute integrated kilovolt-ampere (kVA) load determined during the On-Peak period of the month for which the charge is rendered, but not less than any specified minimum available contract capacity if applicable.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

The billing demand measured under the GD-3 rate shall be taken in 0.5 kVA intervals and those demands falling between any half kVA interval shall be billed at the next lower 0.5 kVA increment.

MINIMUM CHARGE

The Minimum Charge per month, except as may be increased by line extension surcharges or guaranteed temporary service connections, shall be no less than the Customer Charge for each type of delivery service installed. For GD-3 Customers, there may be an additional minimum capacity charge based upon the service contract for that Customer.

METERING

The Company may at its option meter at the Customer's utilization voltage or on the high voltage side of the transformer through which service is furnished.

In the latter case or if the Customer's utilization voltage requires no transformation, and if the Company meters service at 4160 volts or higher, a compensating deduction of 3% will be made from the metered kilowatt (or kilovolt-ampere) demand and kilowatt-hour usage to determine billing amounts.

CREDIT FOR TRANSFORMER OWNERSHIP

GD-3 customers are responsible for their own transformation, but may rent such transformation from the Company at the Company's discretion. For all other General Delivery Service Customers, if the Customer furnishes all transformers required so that the Company is not required to furnish any transformers, there will be credited against the amount determined under the Distribution Charge 19 cents for each kilowatt of demand for such month.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until cancelled by either party upon at least 30 days' written notice. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RCC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

TERMS OF PAYMENT

The Charges for service under this Schedule are net, billed monthly and payable upon presentation of bill. Interest charges will be added from the date of the original bill if current charges for electricity are not paid and received by the Company or its agents within twenty-five (25) days. Interest charges shall be calculated at an annual rate of interest which is the equivalent of the rate paid on two-year United States Treasury notes for the preceding 12 months ending December 31 of any year, plus 10 percent, *i.e.* 1000 basis points, in accordance with 220 CMR 26.00. The monthly interest charge is also added to accounts until all arrears have been paid.

GUARANTEE

When the estimated expenditure necessary to supply electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the sale of such energy at the rates herein established, including the monthly minimum charge, will be insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD

AVAILABILITY

This Schedule is available to all Customers for Outdoor Lighting Delivery Service - Company Owned Equipment with the Company's standard lighting fixtures mounted on existing poles, except as otherwise provided herein. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

CHARACTER OF SERVICE

All lighting shall be photoelectrically controlled and supplied from multiple circuits. The Company will furnish and maintain the equipment hereinafter described, and shall supply service at which the lamps are designed to operate.

DELIVERY SERVICE CHARGES - MONTHLY

The monthly charges for Outdoor Lighting Delivery Service - Company Owned Equipment will include the kWh Charges plus the Luminaire Charges for the applicable luminaire as listed below.

- Distribution Charge:**
All kWh As per Schedule SR as in effect from time to time
- Transition Charge:**
All kWh As per Schedule SR as in effect from time to time
- Internal Transmission Charge:**
All kWh As per Schedule SR as in effect from time to time

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

(A) Mercury Vapor Lighting Equipment*

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month <u>Distribution Charge</u>
3,500	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
7,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
60,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(MV) Flood Light Type	As per Schedule SR as in effect from time to time
3,500	(MV) Power Bracket Included	As per Schedule SR as in effect from time to time
7,000	(MV) Power Bracket Included	As per Schedule SR as in effect from time to time

* Mercury Vapor Lighting is not available for new lighting installations, effective January 1, 1991.

(B) High Pressure Sodium Lighting Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month <u>Distribution Charge</u>
3,300	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
9,500	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
50,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
140,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
50,000	(HPS) Flood Light Type	As per Schedule SR as in effect from time to time

Note: High pressure sodium lights designated by the above types are also available for use on private property subject to the provisions contained under "Special Provisions" hereof.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

(C) Ornamental Lighting Equipment (Customer assumes all initial installation expenses inclusive of materials).

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,300	Street and Highway Type		As per Schedule SR as in effect from time to time

(D) Metal Halide Lighting Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,700	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
5,000	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
10,000	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
3,700	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
5,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
10,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
47,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
3,700	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time
5,000	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time
10,000	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time

(E) Light Emitting Diode (LED) Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,850	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
6,100	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
10,680	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
20,000	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
4,572	(LED) Flood Light Type		As per Schedule SR as in effect from time to time
6,810	(LED) Flood Light Type		As per Schedule SR as in effect from time to time

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

11,253	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
15,300	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
50,403	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
2,887	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
6,100	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
12,290	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
17,200	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time

BILLING KWH PER LUMINAIRE

Charges per kWh will be based on the monthly kWh per luminaire shown in the table below as modified on a quarterly basis. A daily kWh amount is determined from the monthly amounts by dividing monthly kWh by the designated average number of days in the month. The daily kWh amount is then multiplied by the actual number of days for each calendar month during the billing period as measured from the previous month's billing cycle date to the date immediately preceding the current month's billing cycle date and then multiplied by the charges per kWh.

<u>Lamp Size (Lumens and Type)</u>	<u>Feb-April</u> kWh	<u>May-Jul</u> kWh	<u>Aug-Oct</u> kWh	<u>Nov-Jan</u> kWh
<u>Mercury Vapor:</u>				
3,500 Street and Highway Type	39	30	39	49
7,000 Street and Highway Type	68	51	67	87
20,000 Street and Highway Type	156	119	155	199
60,000 Street and Highway Type	367	278	364	467
20,000 Flood Light Type	156	119	155	199
3,500 Power Bracket Included	39	30	39	49
7,000 Power Bracket Included	68	51	67	87
<u>High Pressure Sodium:</u>				
3,300 Street and Highway Type	20	15	20	25
9,500 Street and Highway Type	40	31	39	51
20,000 Street and Highway Type	84	64	84	108
50,000 Street and Highway Type	160	122	159	204
140,000 Street and Highway Type	376	285	372	479
50,000 Flood Light Type	160	122	159	204

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

Metal Halide:

3,700 Cobra Head Type	39	30	39	50
5,000 Cobra Head Type	57	43	57	73
10,000 Cobra Head Type	124	94	123	158
3,700 Flood Light Type	39	30	39	50
5,000 Flood Light Type	57	43	57	73
10,000 Flood Light Type	124	94	123	158
47,000 Flood Light Type	359	273	356	457
3,700 Power Bracket Included	39	30	39	50
5,000 Power Bracket Included	57	43	57	73
10,000 Power Bracket Included	124	94	123	158

Light Emitting Diode (LED)

3,850 Cobra Head Type	17	13	17	22
6,100 Cobra Head Type	29	22	29	37
10,680 Cobra Head Type	33	25	33	42
20,000 Cobra Head Type	84	64	84	107
4,572 Flood Light Type	15	12	15	20
6,810 Flood Light Type	33	25	33	42
11,253 Flood Light Type	36	28	36	46
15,300 Flood Light Type	65	49	64	83
50,403 Flood Light Type	182	138	180	231
2,887 Power Bracket Included	8	6	8	10
6,100 Power Bracket Included	29	22	29	37
12,290 Power Bracket Included	44	33	43	56
17,200 Power Bracket Included	87	66	87	111

Ornamental:

3,300 Street and Highway Type	20	15	20	25
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OTHER EQUIPMENT

Lighting fixtures other than those specified herein will be provided only at prices and for a term of contract to be mutually agreed upon. The Company shall calculate the quarterly kWh as needed for light types that do not conform to this list based on equipment specifications provided by the customer.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

TERM OF CONTRACT

Service under this Schedule shall be for an initial period of one year with automatic one year extensions thereafter until canceled by either party giving the other notice in writing at least 30 days prior to the expiration of any contract year. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

BILLS AND PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

SPECIAL PROVISIONS

- (a) **Hours of Operation**
Approximate hours of operation will be from one-half hour after sunset to one-half hour before sunrise. The total burning hours shall not exceed 4,100 hours per year.
- (b) **Lamp Replacement**
The Company shall replace defective lamps as promptly as possible during regular working hours, after having been advised of the need of such replacement by the Customer.
- (c) **Change of Location**
The Company will, at the expense of the Customer, change the location of such fixtures as the Customer may order.
- (d) **Change of Fixture**
The Company will change the type of lighting fixture at the Customer's request, during regular working hours, but may require the customer to reimburse the Company for the

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

depreciated cost of the retired equipment including installation and cost of removal, less any salvage value thereon.

(e) **Permits**

The Customer shall provide, without cost to the Company, all permits, consents, or easements necessary for the erection, maintenance and operation of the Company's facilities, including the right to cut and trim trees where necessary

(f) **Limitation of Service**

The Company reserves the right to restrict installations served under this schedule to those which will yield a reasonable return to the Company and to areas easily accessible by service truck.

(g) **Additional Equipment**

Lighting installations requiring new poles and overhead conductors, or lighting units mounted on ornamental standards connected to an underground distribution circuit will be available only when the Customer signs an agreement under which Customer agrees to pay each month an additional charge of 2.4% of the excess cost of the facilities. Such an agreement shall have a minimum term of ten (10) years whenever more than four (4) luminaires are so installed.

Excess cost is defined as being the cost in excess of that which would have been incurred had the lights been mounted on existing poles.

(h) **Failure of Lights to Burn**

If any lights fail to burn the full period herein provided, then upon request, a deduction will be made from the monthly price for such lights provided they are not burning within 72 hours from the time the Company is notified of the outage.

The deduction shall be the monthly Delivery Service Charges multiplied by the ratio that the period of such outage bears to the total monthly burning time as herein indicated.

This deduction shall not apply in case the failure of the lights to burn is due to the act of any public authority or to malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

ADJUSTMENTS

The Delivery Service Charges under this rate shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC

AVAILABILITY

This Schedule is available to any municipal city or town, governmental entity, or other public authority, hereinafter referred to as Customer for Outdoor Lighting Delivery Service - Customer Owned Equipment with the Company's standard lighting fixtures mounted on existing poles, except as otherwise provided herein. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

Any Customer that has purchased designated Company outdoor lighting equipment pursuant to G.L. c. 164 § 34A and is receiving service and is subject to the provisions of this tariff that pertain to purchased outdoor lighting equipment, shall also be referred to as Municipal Customer solely for the purpose of those specific provisions.

1. Existing Municipal Customers under the Company's Rate SD that purchased outdoor lights and/or dedicated poles, standards or accessories shall be served under this rate, provided that the Municipal Customer has complied with all provisions and terms of the rates and any related service agreements. Service under this rate is contingent upon the execution of a written purchase and sale agreement for the Company's designated outdoor lighting equipment, and dedicated poles, standards or accessories, the completed transfer of title to the equipment from the Company to the Municipal Customer, and the execution of a license agreement between the Municipal Customer and the Company.
2. Outdoor light replacements and additions installed by a Municipal Customer pursuant to (1) above, following its purchase of outdoor lights, may be made by providing written notice to the Company.
3. Customers who are not specifically designated as Municipal Customers, as defined above, may make additions of Customer owned luminaires under this rate by providing written notice to the Company. Service to a Customer under this rate shall be contingent upon the execution of a service agreement between the Customer and the Company.

Outdoor Lighting Delivery Service - Customer Owned Equipment under this rate schedule does not include maintenance of outdoor lighting equipment owned by the Customer. The Customer shall be responsible for providing maintenance, and, absent a separate contract between the Company and the Customer, the Company shall have no obligation to maintain

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

facilities and equipment owned by the Customer. The Company reserves the right to transition existing Customers previously under an applicable discontinued service to this Outdoor Lighting Delivery Service - Customer Owned Equipment, whereby the Customer shall be compliant with all terms and conditions as set forth.

CHARACTER OF SERVICE

All lighting shall be photoelectrically controlled and supplied from multiple circuits. The Company shall supply service at which the lamps are designed to operate.

DELIVERY SERVICE CHARGES - MONTHLY

The monthly charges for Outdoor Lighting Delivery Service - Customer Owned Equipment will include the kWh Charges for the applicable luminaire as listed below.

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

BILLING KWH PER LUMINAIRE

Charges per kWh will be based on the monthly kWh per luminaire shown in the table below as modified on a quarterly basis. A daily kWh amount is determined from the monthly amounts by dividing monthly kWh by the designated average number of days in the month. The daily kWh amount is then multiplied by the actual number of days for each calendar month during the billing period as measured from the previous month's billing cycle date to the date immediately preceding the current month's billing cycle date and then multiplied by the charges per kWh.

The Company shall calculate the quarterly kWh as needed for light types that do not conform to this list based on equipment specifications provided by the Customer.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

<u>Lamp Size (Lumens and Type)</u>	<u>Feb-April</u>	<u>May-Jul</u>	<u>Aug-Oct</u>	<u>Nov-Jan</u>
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
<u>Mercury Vapor:</u>				
3,500 Street and Highway Type	39	30	39	49
7,000 Street and Highway Type	68	51	67	87
20,000 Street and Highway Type	156	119	155	199
60,000 Street and Highway Type	367	278	364	467
20,000 Flood Light Type	156	119	155	199
3,500 Power Bracket Included	39	30	39	49
7,000 Power Bracket Included	68	51	67	87
<u>High Pressure Sodium:</u>				
3,300 Street and Highway Type	20	15	20	25
9,500 Street and Highway Type	40	31	39	51
20,000 Street and Highway Type	84	64	84	108
50,000 Street and Highway Type	160	122	159	204
140,000 Street and Highway Type	376	285	372	479
50,000 Flood Light Type	160	122	159	204
<u>Metal Halide:</u>				
3,700 Cobra Head Type	39	30	39	50
5,000 Cobra Head Type	57	43	57	73
10,000 Cobra Head Type	124	94	123	158
3,700 Flood Light Type	39	30	39	50
5,000 Flood Light Type	57	43	57	73
10,000 Flood Light Type	124	94	123	158
47,000 Flood Light Type	359	273	356	457
3,700 Power Bracket Included	39	30	39	50
5,000 Power Bracket Included	57	43	57	73
10,000 Power Bracket Included	124	94	123	158
<u>Light Emitting Diode (LED)</u>				
3,850 Cobra Head Type	17	13	17	22
6,100 Cobra Head Type	29	22	29	37
10,680 Cobra Head Type	33	25	33	42
20,000 Cobra Head Type	84	64	84	107
4,572 Flood Light Type	15	12	15	20

Issued by: Laurence M. Brock
 Sr. Vice President

Issued: May 1, 2020
 Effective: November 1, 2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

6,810 Flood Light Type	33	25	33	42
11,253 Flood Light Type	36	28	36	46
15,300 Flood Light Type	65	49	64	83
50,403 Flood Light Type	182	138	180	231
2,887 Power Bracket Included	8	6	8	10
6,100 Power Bracket Included	29	22	29	37
12,290 Power Bracket Included	44	33	43	56
17,200 Power Bracket Included	87	66	87	111
<u>Ornamental:</u>				
3,300 Street and Highway Type	20	15	20	25

HOURS OF OPERATION

Approximate hours of operation will be from one-half hour after sunset to one-half hour before sunrise. The total burning hours shall not exceed 4,100 hours per year.

TERM OF CONTRACT

Service under this Schedule shall be for an initial period of one year with automatic one year extensions thereafter until canceled by either party giving the other notice in writing at least 30 days prior to the expiration of any contract year. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

BILLS AND PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

Issued by: Laurence M. Brock
Sr. Vice President

Issued: May 1, 2020
Effective: November 1, 2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

OTHER FEES AND CHARGES

Individual charges for specific Customer requested services will be identified as adjustments on the bill. The representation of applicable fees associated with specific agreements or license terms and conditions between the Customer and the Company will be imposed according to the agreements, licenses or as specified in the Terms and Conditions for Distribution Service and presented as adjustments on the Customer's bill.

FIELD SURVEY CHARGE

As specified in the License Agreements executed by the Company and the Customer at the purchase and sale closing, the Company will charge a Field Survey Charge per on-site and/or office survey at the request of the Customer when the Customer intends to either make a new lighting attachment or relocate or alter an existing lighting attachment, in order to determine if the support(s) can safely accommodate the requested lighting attachment. The Field Survey Charge shall be \$70 per service call.

LIGHTING SERVICE CHARGE

The Company may assess a Lighting Service Charge for Company services rendered in response to a Customer request in support of Customer equipment where the condition, service, or connection is unrelated to the performance of facilities owned by the Company. The Lighting Service Charge shall be \$100 per service call.

DISCONNECT/RECONNECT CHARGE

The Company may assess a Disconnect/Reconnect Charge for Company services rendered in response to a Customer request in support of a Disconnect/Reconnect activity. This charge does not include the removal of any Customer owned equipment. In the case of an emergency situation where the Company removes Customer owned equipment, additional charges may apply. The Disconnect/Reconnect Charge shall be \$100 per service call.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

UNDERGROUND WORK/TROUBLESHOOTING CHARGE

The Company may assess an Underground Work/Troubleshooting Charge for Company services rendered in response to a Customer request in support of an Underground Work/Troubleshooting activity. The Underground Work/Troubleshooting Charge shall be \$170 per hour.

UNAUTHORIZED USE CHARGE

The Company may assess an Unauthorized Use Charge per luminaire for each instance in which the Company discovers a luminaire in service in which the Company has not been duly notified under the Inventory of Lights provision of this Schedule. Upon such discovery, the Company shall update its billing records to include the luminaire for billing purposes. The Unauthorized Use Charge shall be \$100 per unauthorized fixture.

INVENTORY OF LIGHTS

The Customer shall be responsible for reporting to the Company the number and type of luminaires by location and applicable reference that are operating at any time. The Customer shall provide the Company with a complete listing of all luminaires served under this rate no less than thirty (30) days following any changes to this listing as those changes occur during the year. Such reporting is necessary to ensure that the Company will bill the Customer accurately for the cost of distribution, transmission, transition, demand side management, renewables, and where appropriate, Basic Service. The Company will perform random confirmation of operating lights in a municipality to ensure accuracy of such reports. If the Customer fails to meet the referenced reporting requirements or the identification of unreported lights by the Company, the Company will have the right to terminate service under this tariff and require the Customer to obtain service under an applicable metered service.

LIABILITY AND INDEMNIFICATION

This Rate Schedule is subject to the "Company Liability" provisions of Section 9 of the Company's "Terms and Conditions for Distribution Service," as amended from time to time.

The Customer has the responsibilities and obligations associated with luminaire and support or accessory ownership and maintenance of the street and area lighting facilities served under this tariff. The Customer assumes all liability and shall indemnify the Company for all

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

damages, claims, and liabilities associated with the ownership, maintenance, and operation or failure of operation of the outdoor lighting facilities, and the Company shall have the right to require the Customer to purchase insurance or a bond naming the Company as beneficiary to assure such indemnification and assumption of liability is effective. Under no circumstance shall the Company have the obligation to maintain facilities and equipment sold to or owned by the Customer absent the execution of a separate agreement for maintenance. All facilities and equipment purchased by a Municipal Customer pursuant to G.L. c. 164 § 34A shall be on an AS IS basis without any warranty, whether express or implied.

TERMINATION OF MUNICIPAL OWNERSHIP

If the municipal Customer chooses to terminate its ownership of outdoor lighting equipment, the Customer must provide six (6) months' written notice of such termination. Upon termination, the Customer will accept service under the appropriate tariff and shall transfer to the Company the ownership of all outdoor lights and poles, standards or accessories previously owned by the Customer at the time of termination at no cost to the Company, and the Company shall operate and maintain the outdoor lighting equipment as part of its outdoor lighting system under the appropriate company owned outdoor lighting delivery service tariff accepted by the Customer in effect at the time. In the event that the outdoor lights and poles, standards or accessories do not conform to the Company's standards, the Customer shall remove the Customer's outdoor lights from Company-owned poles and discontinue service for outdoor lights on Customer-owned poles or standards.

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC

Section

- 1.0 Purpose
- 2.0 Applicability
- 3.0 Definitions
- 4.0 Determination of Annual Target Revenue
- 5.0 Calculation of the Revenue Decoupling Adjustment Factor
- 6.0 Limitations on Recovery
- 7.0 Effective Dates
- 8.0 Interim Filings
- 9.0 Information to be Filed with the Department

1.0 Purpose

The purpose of the Revenue Decoupling Adjustment Clause (“RDAC”) is to establish procedures that allow Fitchburg Gas and Electric Light Company (the "Company") subject to the jurisdiction of the Department of Public Utilities ("Department") to adjust, on an annual basis, its rates for distribution service in order to reconcile Actual Base Revenue recoveries with Target Revenue. The RDAC eliminates the link between customer sales and Company earnings in order to align the interests of the Company and customers with respect to lowering customer usage.

2.0 Applicability

The RDAC shall apply to all of the Company’s delivery service Rate Schedules, subject to the jurisdiction of the Department, as determined in accordance with the provisions of this clause.

3.0 Definitions

The following definitions shall apply throughout the provisions of this revenue decoupling tariff:

- (1) **Actual Base Revenue** are amounts booked by the Company for customer charges and distribution charges over a given year, January 1 to December 31. This excludes revenue from the Revenue Decoupling Adjustment Factor. Actual revenue shall include base rate revenues from the Company’s delivery service Rate Schedules and special contract customers with the rates charged to the special contract customers determined in accordance with the terms of the special contract. For purposes of calculating Actual Base Revenue, the non-discounted base revenues prior to application of the low income discount shall be used.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

- (2) **Annual Target Revenue (“ATR”)** is the class-specific revenue requirement as approved by the Department in the Company’s most recent base rate case, and as otherwise adjusted and approved by the Department, less a Streetlight Sales Adjustment as defined below.
- (3) **Forecasted Kilowatthours (“kWh”)** is the forecasted amount of electricity, as measured in kilowatthours, to be delivered by the Company for the twelve month period, January 1st to December 31st, during which the proposed Revenue Decoupling Adjustment Factor will be in effect.
- (4) **Streetlight Sales Adjustment** shall mean the annual cumulative dollar adjustment to each year’s ATR as a result of selling its streetlighting equipment pursuant to G.L. c. 164 § 34A subsequent to the effective date of new base distribution rates resulting from a general rate case. The Streetlight Sales Adjustment shall be a downward adjustment to each year’s ATR and shall be calculated as the proceeds received by the Company from the sale of its streetlighting equipment multiplied by the avoided cost of no longer owning, operating, and maintaining such equipment, stated as a percentage, as determined by the Company’s final streetlight revenue requirement. The Streetlight Sales Adjustment shall be set to zero and calculated for new streetlight sales effective with the subsequent implementation of new base distribution rates as provided for above.

4.0 Determination of Annual Target Revenue

The ATR for each rate class shall consist of the class-specific revenue requirement as approved by the Department in a Company base rate case and as adjusted by the Streetlight Sales Adjustment, and as otherwise adjusted and approved by the Department.

For the period beginning July 1, 2018 through October 31, 2020, the ATR approved in D.P.U. 18-15 are as follows:

Rate RD-1/RD-2	\$15,382,752
Rate GD-1	\$655,484
Rate GD-2	\$5,920,334
Rate GD-4	\$2,884
Rate GD-5	\$28,554
Rate GD-3*	\$4,209,850

Issued by: Laurence M. Brock
Sr. Vice President

Issued: May 20, 2020
Effective: November 1, 2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
 REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

Outdoor Lighting	<u>\$431,257</u>
Total	\$26,631,114

*Includes Special Contract base revenues.

For the period beginning November 1, 2020, the ATR approved in D.P.U. 19-130 are as follows:

Rate RD-1/RD-2	\$15,738,459
Rate GD-1	\$763,672
Rate GD-2	\$5,912,793
Rate GD-4	\$5,543
Rate GD-5	\$28,486
Rate GD-3*	\$4,277,354
Outdoor Lighting	<u>\$399,781</u>
Total	\$27,126,088

*Includes Special Contract base revenues.

5.0 Calculation of the Revenue Decoupling Adjustment Factor

5.1 Description of Revenue Decoupling Adjustment Factor

Each year, the Company shall calculate a Revenue Decoupling Adjustment Factor (“RDAF”) to be applied to customer bills for the period January 1 through December 31. For billing purposes, the RDAF shall be included in the Distribution Charge.

The RDAF shall be calculated by comparing the difference between Annual Target Revenue to Actual Base Revenue for each rate class with the resulting differences summed to develop a total Company shortfall or surplus. The total, including reconciliation, shall be divided by projected kWh sales for the next January 1 through December 31 period.

5.2 Revenue Decoupling Adjustment Factor Formula

$$RDAF_s = \frac{(RDA + R) * DRA_s}{FkWh_s}$$

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

Where:

- RDAF_s The Revenue Decoupling Adjustment Factor for class s.
- RDA The Revenue Decoupling Adjustment equals the sum of each class's difference of ATR to total Actual Base Revenue for the period January 1 through December 31. The RDA shall include actual data for January through September and estimated data for October through December.
- R Revenue Decoupling Adjustment Clause Reconciliation – Balance in Account 173 as outlined in Section 5.3, inclusive of the associated interest.
- FkWh_s Forecasted kWh for class s as defined in Section 3.0.
- DRA_s The Distribution Revenue Allocator is derived from the Company's most recent base rate case, unless otherwise adjusted and approved by the Department.

The allocators approved in D.P.U. 18-15 for use in RDAF filings made through October 31, 2020 are as follows:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,382,752	58.33%
GD-1/GD-2/GD-4/GD-5	\$6,607,255	25.06%
GD-3/Special Contracts	\$4,209,850	15.96%
Streetlights	\$170,448	0.65%

The allocators approved in D.P.U. 19-130 for use in RDAF filings made on and after November 1, 2020 are as follows, effective with the next scheduled rate change:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,738,459	58.60%
GD-1/GD-2/GD-4/GD-5	\$6,710,494	24.99%
GD-3/Special Contracts	\$4,277,354	15.93%
Streetlights	\$129,125	0.48%

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

- s The Rate Class Group is the combination of similar rate classes, as follows:
the Residential group is the combination of RD-1 and RD-2;
the General Service group is the combination of GD-1, GD-2, GD-4 and GD-5;
the Large General Service group is the combination of GD-3 and Special
Contracts; and Streetlights is the combination of Outdoor Lighting classes SD
and SDC.

5.3 Revenue Decoupling Adjustment Clause Reconciliation

Account 173.01.33 shall contain the accumulated difference between the RDA allowable per the RDAF formula, including actual data for October, November and December, and actual revenues received by the Company through application of the RDAF to customer bills. Interest shall be calculated on the average monthly balance of Account 173.01.33 using the prime rate computed in accordance with 220 C.M.R. § 6.08(2).

6.0 Revenue Decoupling Adjustment Cap

The total annual RDA, including related reconciliation, determined in accordance with Section 5.2 may not exceed one and one half percent (1.5%) of total revenues from delivered sales for the most recent year, January through December, with revenue for externally supplied customers being adjusted by imputing the Company's basic service charges for that period. Total revenue shall include amounts that the Company has billed customers through applicable charges for distribution service, transmission service, transition charges, energy efficiency, basic service, and any and all related adjustment factors. This cap is applicable to underrecoveries only; overrecoveries shall be credited in full. To the extent that the application of the RDA cap results in a RDA that is less than that calculated in accordance with Section 5.2, the difference shall be deferred and included in the Revenue Decoupling Adjustment Clause Reconciliation for recovery in the subsequent year. Carrying charges shall be calculated on the average deferred balance using the prime rate computed in accordance with 220 C.M.R. § 6.08(2), then added to each end-of-month balance.

7.0 Effective Date

The RDAF shall be effective on January 1st of each year, unless otherwise ordered by the Department.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

8.0 Interim Filings

The Company will file for a mid-period adjustment if the projected end-of-year RDA under- or over-collection exceeds ten percent of the target level.

9.0 Information to be Filed with the Department

Information pertaining to the RDAC shall be filed with the Department sixty (60) days prior to January 1. Such information shall include the proposed RDAF, applicable revenue decoupling adjustment, and revenue decoupling adjustment clause reconciliation. The Company shall also file for its residential, commercial, industrial, and street lighting customer classes: (1) monthly customer counts; (2) monthly kWh sales; (3) weather normalized monthly kWh sales; (4) lost base revenue from energy efficiency programs for the most recent calendar year available; and (5) forecasted sales for the next two years.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA

Section

- 1.0 Capital Cost Adjustment
- 2.0 Applicability
- 3.0 Definitions
- 4.0 Effective Date
- 5.0 Capital Cost Adjustment Factor Formula
- 6.0 Information to be Filed with the Department

1.0 Capital Cost Adjustment

1.1 Purpose

The purpose of the Capital Cost Adjustment (“CCA”) rate mechanism is to establish a procedure that allows the Company to recover the Cumulative Revenue Requirement associated with utility plant additions recorded by the Company since December 31, 2018, as defined in Section 3.0.

1.2 CCA Factors

The Company shall develop annual CCA Factors to recover the Cumulative Revenue Requirement for its Actual Net CapEx recorded since December 31, 2018 through the end of the Current Year, unless otherwise approved by the Department.

The CCA Factors effective January 1, 2020 shall be set to zero on November 1, 2020 when new base distribution rates are effective as determined in Docket No. D.P.U. 19-130.

The CCA Factors effective January 1, 2021 shall recover the revenue requirement associated with Actual Net Capex for calendar year 2019 as defined in Section 3.0 and any remaining balance for prior periods.

The Company shall allocate the Cumulative Revenue Requirement approved by the Department for recovery through the CCA, including any reconciliation and associated interest, to its rate classes based on the CCA Allocator. The reconciliation shall reflect the accumulated difference between the CCA, and actual revenues received by the Company through application of the CCA Factors to customer bills, plus interest. Interest shall be calculated on the average monthly balance using the customer deposit rate. The amount of

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

Cumulative Revenue Requirement, reconciliation and interest by class, shall then be converted to a per kilowatt- hour factor for each rate class based on the estimated kilowatt-hours deliveries for the applicable class for the recovery year commencing January 1.

1.3 Annual Rate Cap

The annual change in the Cumulative Revenue Requirement may not exceed one and a half percent (1.5%) of total revenue as recorded during the Current Year, with revenue for externally supplied customers being adjusted by imputing the Company's basic service charges for that period. Total revenue shall include amounts that the Company has billed customers through applicable charges for distribution service, transmission service, transition charges, energy efficiency, basic service, and any and all related adjustment factors. To the extent that the annual change in the Cumulative Revenue Requirement exceeds one and a half percent of total revenue, the difference shall be deferred with interest calculated at the customer deposit rate and included in the CCA for recovery in subsequent years.

2.0 Applicability

This CCA shall apply to all of the Company's delivery service Rate Schedules, subject to the jurisdiction of the Department, as determined in accordance with the provisions of this clause. For billing purposes, the CCA Factors shall be included in the Distribution Charge.

3.0 Definitions

The following definitions shall apply throughout the provisions of this tariff:

- (1) "Actual Net Capital Expenditure" or "Actual Net CapEx" shall mean the utility plant additions, excluding solar and grid modernization assets recoverable through the Company's other cost recovery mechanisms, recorded by the Company for a given calendar year, but in no event shall exceed \$11,000,000 annually, less the annual allowance of \$6,312,121 in base distribution rates for depreciation expense.
- (2) "CCA" shall mean the Capital Cost Adjustment mechanism that provides for the recovery of the Cumulative Revenue Requirement.
- (3) "CCA Allocator" shall be derived based on net plant from the Company's most recent base rate case as approved by the Department and shall be as follows by rate class:

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

CAPITAL COST ADJUSTMENT

SCHEDULE CCA (continued)

Rate RD-1/RD-2	56.41%
Rate GD-1	2.20%
Rate GD-2/GD-4/GD-5	26.38%
Rate GD-3	13.81%
Rate SD Outdoor Lighting	0.97%
Rate SDC Outdoor Lighting	0.23%

- (4) “Company” shall mean Fitchburg Gas and Electric Light Company.
- (5) “Cumulative Net CapEx” shall mean the accumulation of Actual Net Capital Expenditures recorded since December 31, 2018 through the end of the Current Year.
- (6) “Cumulative Rate Base” shall mean the Cumulative Net CapEx adjusted for accumulated depreciation, cost of removal, accumulated deferred taxes, and cumulative deferred tax reversals on December 31, 2018 plant in service since December 31, 2018.
- (7) “Cumulative Revenue Requirement” shall mean the return on average Cumulative Rate Base, at a rate equal to the pre-tax weighted average cost of capital, as determined in Docket No. D.P.U. 19-130, or as revised by a subsequent Department order, plus the annual depreciation on cumulative utility plant additions less retirements, plus property tax on Cumulative Net Capex.
- (8) “Current Year” is the calendar year two years preceding January 1 of the recovery year during which the proposed CCA will be in effect.
- (9) “Department” shall mean the Massachusetts Department of Public Utilities.
- (10) “Property Tax Rate” is the Company’s composite property tax rate of 2.12% as determined in the Company’s most recent base distribution rate case calculated as the ratio of total annual property taxes paid to total net plant in service in the test year.

4.0 Effective Date

The CCA Factors shall be effective on January 1st of each year, unless otherwise ordered by the Department.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

5.0 Capital Cost Adjustment Factor (“CCAF”) Formula

$$\text{CCAF}_{xs} = (\text{CRR} + \text{RA}) * \text{CCAA}_s / \text{FkWh}_{xs}$$

Where:

CCAF_{xs} = The annual Capital Cost Adjustment Factor for year x and class s.

CRR = The Cumulative Revenue Requirement approved by the Department.

RA = The Reconciliation Adjustment shall contain the accumulated difference between the CCA, and actual revenues received by the Company through application of the CCAF to customer bills, plus interest. Interest shall be calculated on the average monthly balance using the customer deposit rate.

CCAA_s = CCA Allocator, as defined in Section 3.0.

FkWh_{xs} = The Forecasted kWhs is the forecasted amount of electricity for year x and class s to be distributed to the Company’s distribution customers for the upcoming annual CCAF billing period.

s = The Rate Class Group is the combination of similar rate classes, as follows:
the Residential group is the combination of RD-1 and RD-2;
the Small General Service group is GD-1;
the Regular General Service group is the combination of GD-2, GD-4 and GD-5;
the Large General Service group is the combination of GD-3;
the Company Owned Streetlights is the Outdoor Lighting class SD; and
the Customer Owned Streetlights is the Outdoor Lighting class SDC.

6.0 Information to be Filed with the Department

On or before July 1 of each year, the Company shall submit to the Department a report of its capital investment for the Current Year. This report shall contain sufficient information to allow the Department to review the Company’s actual capital expenditures for the purposes of determining the Company’s Cumulative Revenue Requirement and subsequent

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

CCA Factors. On or before November 2 of each year, the Company shall submit to the Department its proposed CCA Factors for the recovery year.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE

SCHEDULE RAAC

1.01 Purpose

The purpose of the Residential Assistance Adjustment Clause (“RAAC”) is to provide Fitchburg Gas and Electric Light Company (the “Company”) a mechanism for the recovery, on an annual basis and subject to the jurisdiction of the Department of Public Utilities (the “Department”), of the following:

1) the total revenue discount given to residential assistance customers enrolled in the Company’s discounted rate (Rate RD-2).

The level of discount and associated reduced or discounted revenue is set at a fixed percentage off the total RD-1 bill. The total bill discount percentage is as follows:

Low Income Residential Rate RD-2: 34.5%; and

2) incremental costs directly related to the Company’s approved Arrearage Management Program, in accordance with the Department’s D.P.U. 15-80 order.

3) in addition to revenue collected through the Residential Assistance Adjustment Factor (“RAAF”), the total revenue recorded under this clause shall include, for hardship protected accounts, any payments made by Customers towards the amortized balance.

1.02 Applicability

The RAAC shall be applicable to all Customers unless otherwise designated. For billing purposes, the RAAC shall be included in the Distribution Charge.

1.03 Effective Date of Annual Residential Assistance Adjustment Factor

The RAAF shall be effective on the first day of each calendar year, unless otherwise ordered by the Department.

1.04 Definitions

(1) The following terms shall be used in this tariff as defined in this section, unless the context requires otherwise. “Distribution Company” or “Company” is Fitchburg Gas and Electric Light Company.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE

SCHEDULE RAAC (continued)

- (2) “Prior Year” is the twelve-month period immediately prior to the effective date of a proposed RAAF.

1.05 Residential Assistance Adjustment Factor Formula

$$RAAF_{xs} = [(RA_x) + (Cust_x(DCust\$_x) + Use_x(DUse\$_x)) + AMP + I_x] * DRA_s / FUse_{xs}$$

$RAAF_{xs}$ = The annual Residential Assistance Adjustment Factor for year x and class s.

RA_x = The Reconciliation Adjustment for Year_x shall be the amount of over/under collection from the end of the Prior Year. Reconciliations shall be performed monthly and shall be based on the actual revenue discount for customers participating in the Company’s discounted rate as recorded in the Company’s billing data base. The Reconciliation Adjustment for Year_x shall also include actual costs incurred as a result of the Company’s Arrearage Management Program. Interest shall be calculated on the average monthly balance using the prime rate after tax (i.e. prime rate * (1 – tax rate)). The tax rate shall be the combined federal and state income tax rate. The prime rate is to be fixed on a quarterly basis and established as reported in THE WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter; if more than one rate is reported, the average of the reported rates shall be used. Interest shall be added to each end-of-month balance.

$Cust_x$ = The estimated number of customers participating in the Company’s discounted rate (Rate RD-2).

Use_x = The estimated kWh usage of customers participating in the Company’s discounted rate (Rate RD-2).

$DCust\$_x$ = The difference between the non-discounted and discounted customer charge for the applicable rates calculated using the 34.5% discount.

$DUse\$$ = The difference between the total non-discounted and discounted kWh charges for the applicable rates, including all delivery volumetric charges, default service volumetric charges, and all other volumetric charges calculated using the 34.5% discount.

AMP = The incremental costs directly related to the Company’s approved Arrearage Management Program.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE

SCHEDULE RAAC (continued)

- I_x = The estimated interest in the forecast period.
- $FUse_{xs}$ = The estimated kWh in the forecast period for year x and class s.
- DRA_s = The Distribution Revenue Allocator is derived from the Company's most recent base rate case, unless otherwise adjusted and approved by the Department. The current allocators are as follows:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,382,752	58.33%
GD-1/GD-2/GD-4/GD-5	\$6,607,255	25.06%
GD-3/Special Contracts	\$4,209,850	15.96%
Streetlights	\$170,448	0.65%

- s = The Rate Class Group is the combination of similar rate classes, as follows:
 the Residential group is the combination of RD-1 and RD-2;
 the General Service group is the combination of GD-1, GD-2, GD-4 and GD-5;
 the Large General Service group is the combination of G-3 and Special Contracts; and
 Streetlights is the Outdoor Lighting class.

1.06 Information Required to be Filed with the Department

Information pertaining to the RAAC shall be submitted with the annual reconciliation filing, including complete documentation of the reconciliation-adjustment calculations.

1.07 Customer Notification

The Company shall notify customers in simple terms of changes to the RAAF, including the nature of the change and the manner in which the RAAF is applied to the bill. In the absence of a standard format, the Company shall submit this notice for approval at the time of each RAAF filing. Upon approval by the Department, the Company shall immediately distribute these notices to all of its distribution customers either through direct mail or with its bills, or as a bill message.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
STORM RESERVE ADJUSTMENT CLAUSE
SCHEDULE SRAC

Section

- 1.0 Purpose
- 2.0 Applicability
- 3.0 Effective Date
- 4.0 SRAF
- 5.0 Annual SRAF Filings with the Department
- 6.0 Regulatory Authority

1.0 Purpose

The purpose of the Storm Reserve Adjustment Clause (“SRAC”) is to provide a means for the Company to adjust its Storm Reserve Fund (“Storm Fund”) for storm costs incurred on and after November 1, 2020 that are in excess of the amount of storm reserve funding amortized in base distribution rates as approved in D.P.U. 19-130.

2.0 Applicability

The Storm Reserve Adjustment Factor (“SRAF”) shall be a per kilowatt-hour (“kWh”) factor applicable to all electricity, measured in kWhs, delivered by the Company to its customers under its Distribution Service tariffs. For billing purposes, the SRAF, as provided for herein, shall be included in the Distribution Charge.

3.0 Effective Date

The date on which the annual SRAF becomes effective shall be the first day of January of each calendar year, unless otherwise ordered by the Department. The Company shall submit filings under this tariff as outlined in Section 5.0.

4.0 SRAF

The SRAF shall recover or refund the storm costs in excess of the allowable balance of the Company’s Storm Reserve Fund as approved in D.P.U. 19-130 (“Recoverable Balance”). The Recoverable Balance calculated herein shall be allocated to all rate classes by applying the Distribution Revenue Allocators as shown below.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
STORM RESERVE ADJUSTMENT CLAUSE
SCHEDULE SRAC (continued)

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,738,459	58.60%
GD-1/GD-2/GD-4/GD-5	\$6,710,494	24.99%
GD-3/Special Contracts	\$4,277,354	15.93%
Streetlights	\$129,125	0.48%

All revenue billed through the SRAFs shall be credited against the Recoverable Balance. The Recoverable Balance shall accrue interest at the prime rate during the recovery period. The provisions of this tariff will remain in effect until terminated or revised as proposed by the Company and approved by the Department from time to time.

5.0 Annual SRAF Filings with the Department

The Company shall make a SRAF filing as part of the Company's annual electric reconciliation filing at least forty-five (45) days before January 1st of the next year. Such filing shall include reconciliation of data for prior periods as appropriate.

6.0 Regulatory Authority

This tariff is governed by the provisions of G.L. c. 164, §§ 76 and 94; 220 C.M.R. 5.00 et seq. orders of the MDPU in furtherance thereof or related thereto.

**Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR**

**M.D.P.U No. 312-19-E For Illustrative Purposes Only
Canceling M.D.P.U No. 312-19-D
Sheet 1**

Delivery Service	M.D.P.U. No.	Blocks	Customer Charge	Base Distribution	Base Distribution	Total Other Distribution (1)	Total Other Distribution (1)	Transition Charge	Basic Service Adjustment	Total Transition Charge	Internal Transmission	Internal Transmission Service Cost Adjustment	External Transmission	Total Transmission	Renewable Resource	Energy Efficiency	SMART Solar Massachusetts Renewable Target	Total Delivery	Total Delivery
Residential RD-1	289	Customer Charge All kWh	\$7.00	\$0.07459	\$0.07752	\$0.05120	\$0.04897	(\$0.00049)	(\$0.00152)	(\$0.00201)	\$0.00394	(\$0.00109)	\$0.02298	\$0.02583	\$0.00050	\$0.00250	(\$0.00006)	\$7.00	\$7.00
Farm Credit	353	Customer Charge All kWh																(\$0.70)	(\$0.70)
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Low-Income Residential RD-2	290	Customer Charge All kWh	\$7.00	\$0.07459	\$0.07752	\$0.03499	\$0.03276	(\$0.00049)	(\$0.00152)	(\$0.00201)	\$0.00394	(\$0.00109)	\$0.02298	\$0.02583	\$0.00050	\$0.00250	(\$0.00006)	\$7.00	\$7.00
2534.5% Low Income Discount	354	Customer Charge All kWh																(\$1.75)	(\$2.42)
Farm Credit		Customer Charge All kWh																(\$0.53)	(\$0.46)
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Small General GD-1	291	Customer Charge All kWh	\$10.00	\$0.07410	\$0.07701	\$0.03016	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	\$10.00
Farm Credit	355	Customer Charge All kWh																(\$1.00)	(\$1.00)
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Regular General GD-2	291	Customer Charge All kWh	\$10.00	\$9.28	\$9.64	\$0.02930	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	\$10.00
Farm Credit	355	Customer Charge All kWh		\$0.02236	\$0.02326	\$0.02930	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$9.28	\$9.64
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Large General GD-3	291	Customer Charge On Peak kVA	\$300.00	\$7.63	\$7.93	\$0.01569	\$0.01520	(\$0.00049)	(\$0.00041)	(\$0.00090)	\$0.00310	(\$0.00075)	\$0.01581	\$0.01816	\$0.00050	\$0.00250	(\$0.00001)	\$300.00	\$300.00
Farm Credit	355	Customer Charge On Peak kVA		\$0.01837	\$0.01909	\$0.01569	\$0.01520	(\$0.00049)	(\$0.00041)	(\$0.00090)	\$0.00310	(\$0.00075)	\$0.01581	\$0.01816	\$0.00050	\$0.00250	(\$0.00001)	\$7.63	\$7.93
<i>Last Change</i>			8/1/11	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Optional Time-of-Use GD-4 (2)	291	Customer Charge On Peak kW	\$10.00	\$3.71	\$3.85	\$0.02930	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$10.00	\$10.00
Farm Credit	355	Customer Charge On Peak kW		\$0.00959	\$0.01003	\$0.02930	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$3.71	\$3.85
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Water Heating and/or Space Heating GD-5 (2)	291	Customer Charge All kWh	\$0.00	\$0.05731	\$0.05956	\$0.02930	\$0.02732	(\$0.00049)	(\$0.00106)	(\$0.00155)	\$0.00323	(\$0.00089)	\$0.01873	\$0.02107	\$0.00050	\$0.00250	(\$0.00004)	\$0.00	\$0.00
Farm Credit	355	Customer Charge All kWh																(\$0.01091)	(\$0.01094)
<i>Last Change</i>			6/1/14	7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
ALL GENERAL		Transformer Ownership Credit of \$0.19 may apply to all kW for schedules GD-2 and GD-4. High Voltage Metering and No Transformation, 3% Discount at 4,160 Volts or Over may apply to all kW / kVA and kWh.																	
Outdoor Lighting Company Owned-SD	292	Customer Charge All kWh		\$0.00000	\$0.00000	\$0.04454	\$0.03883	(\$0.00049)	(\$0.00147)	(\$0.00196)	\$0.00318	(\$0.00103)	\$0.02177	\$0.02392	\$0.00050	\$0.00250	(\$0.00006)	\$0.06944	\$0.06373
Farm Credit	356	Customer Charge All kWh																(\$0.00694)	(\$0.00637)
<i>Last Change</i>			7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	1/1/03	1/1/02	1/1/20	6/1/20	11/1/20
Outdoor Lighting Customer Owned-SDC	293	Customer Charge All kWh		\$0.06068	\$0.06307	\$0.04340	\$0.03883	(\$0.00049)	(\$0.00147)	(\$0.00196)	\$0.00318	(\$0.00103)	\$0.02177	\$0.02392	\$0.00050	\$0.00250	(\$0.00006)	\$0.12898	\$0.12680
Farm Credit	357	Customer Charge All kWh																(\$0.01290)	(\$0.01268)
<i>Last Change</i>			7/1/19	11/1/20	6/1/20	11/1/20	1/1/20	1/1/20	1/1/20	1/1/20	6/1/14	1/1/20	1/1/20	1/1/20	6/1/14	6/1/14	1/1/20	6/1/20	11/1/20

(1) See Sheet 2.
(2) Service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

Issued by: ~~Christine Vaughan~~ **Laurence M. Brock**
Sr. Vice President

Issued:
Effective: ~~June 1, 2020~~ **November 1, 2020**

**Fitchburg Gas and Electric Light Company
Summary of Electric Service Rates
Schedule SR**

**M.D.P.U No. 312-19-E For Illustrative Purposes Only
Canceling M.D.P.U No. 312-19-D
Sheet 2**

Delivery Service	M.D.P.U. No.	Blocks	Other Billed Distribution Charges											Total Other Distribution	Total Other Distribution
			Pension/PBOP Adjustment Factor	Energy Efficiency Reconciliation Factor	Residential Assistance Adjustment Factor	Net Metering Recovery Surcharge	Revenue Decoupling Adjustment Factor	Att. General Consultant Expense Factor	Long-Term Renewable Contract Adjustment	Capital Cost Adjustment Factor	Capital Cost Adjustment Factor	Solar Cost Adjustment Factor	Tax Act Credit Factor		
Residential RD-1	289	All kWh	\$0.00224	\$0.01947	\$0.00672	\$0.01218	\$0.00485	\$0.00058	\$0.00198	\$0.00372	\$0.00000	\$0.00095	(\$0.00149)	\$0.05120	\$0.04897
<i>Last Change</i>	353		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Low-Income Residential RD-2	290	All kWh	\$0.00224	\$0.00326	\$0.00672	\$0.01218	\$0.00485	\$0.00058	\$0.00198	\$0.00372	\$0.00000	\$0.00095	(\$0.00149)	\$0.03499	\$0.03276
<i>Last Change</i>	354		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Small General GD-1	291	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00388	\$0.00000	\$0.00067	(\$0.00104)	\$0.03016	\$0.02732
<i>Last Change</i>	355		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Regular General GD-2	291	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00302	\$0.00000	\$0.00067	(\$0.00104)	\$0.02930	\$0.02732
<i>Last Change</i>	355		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Large General GD-3	291	On Peak kWh	\$0.00045	\$0.00601	\$0.00180	\$0.00326	\$0.00129	\$0.00016	\$0.00198	\$0.00089	\$0.00000	\$0.00025	(\$0.00040)	\$0.01569	\$0.01520
	291	Off Peak kWh	\$0.00045	\$0.00601	\$0.00180	\$0.00326	\$0.00129	\$0.00016	\$0.00198	\$0.00089	\$0.00000	\$0.00025	(\$0.00040)	\$0.01569	\$0.01520
<i>Last Change</i>	355		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Optional Time-of-Use GD-4 (1)	291	On Peak kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00302	\$0.00000	\$0.00067	(\$0.00104)	\$0.02930	\$0.02732
	291	Off Peak kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00302	\$0.00000	\$0.00067	(\$0.00104)	\$0.02930	\$0.02732
<i>Last Change</i>	355		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Water Heating and/or Space Heating GD-5 (1)	291	All kWh	\$0.00162	\$0.00601	\$0.00470	\$0.00853	\$0.00340	\$0.00041	\$0.00198	\$0.00302	\$0.00000	\$0.00067	(\$0.00104)	\$0.02930	\$0.02732
<i>Last Change</i>	355		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Outdoor Lighting Company Owned-SD	292	All kWh	\$0.00624	\$0.00601	\$0.00653	\$0.01185	\$0.00472	\$0.00057	\$0.00198	\$0.00716	\$0.00000	\$0.00093	(\$0.00145)	\$0.04454	\$0.03883
<i>Last Change</i>	356		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>
Outdoor Lighting Customer Owned-SDC	293	All kWh	\$0.00624	\$0.00601	\$0.00653	\$0.01185	\$0.00472	\$0.00057	\$0.00198	\$0.00602	\$0.00000	\$0.00093	(\$0.00145)	\$0.04340	\$0.03883
<i>Last Change</i>	357		<i>1/1/20</i>	<i>6/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	<i>1/1/20</i>	1/1/20	<i>11/1/20</i>	<i>6/1/20</i>	2/1/19	<i>6/1/20</i>	<i>11/1/20</i>

(1) Service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

Issued by: ~~Christine Vaughan~~ **Laurence M. Brock**
Sr. Vice President

Issued:
Effective: ~~June 1, 2020~~ **November 1, 2020**

Fitchburg Gas and Electric Light Company
 Summary of Electric Service Rates
 Schedule SR

Company Owned Outdoor Lighting Delivery Service - Luminaire Charges
 M.D.P.U. No. 292356

Lamp Size Lumens	Type of Luminaire	Per Month	Total Distribution Charge per Luminaire		Total Farm Credit		
			Per Month	Per Year	Per Month	Per Month	
Mercury Vapor*:							
3,500	Street and Highway Type	\$12.79	<i>\$13.29</i>	\$153.48	<i>\$159.48</i>	(\$1.28)	<i>(\$1.33)</i>
7,000	Street and Highway Type	\$14.19	<i>\$14.74</i>	\$170.28	<i>\$176.88</i>	(\$1.42)	<i>(\$1.47)</i>
20,000	Street and Highway Type	\$25.77	<i>\$26.78</i>	\$309.24	<i>\$321.36</i>	(\$2.58)	<i>(\$2.68)</i>
60,000	Street and Highway Type	\$49.25	<i>\$51.19</i>	\$591.00	<i>\$614.28</i>	(\$4.93)	<i>(\$5.12)</i>
20,000	Flood Light Type	\$28.49	<i>\$29.61</i>	\$341.88	<i>\$355.32</i>	(\$2.85)	<i>(\$2.96)</i>
3,500	Power Bracket Included	\$13.40	<i>\$13.92</i>	\$160.80	<i>\$167.04</i>	(\$1.34)	<i>(\$1.39)</i>
7,000	Power Bracket Included	\$15.08	<i>\$15.67</i>	\$180.96	<i>\$188.04</i>	(\$1.51)	<i>(\$1.57)</i>
High Pressure Sodium:							
3,300	Street and Highway Type	\$11.10	<i>\$11.53</i>	\$133.20	<i>\$138.36</i>	(\$1.11)	<i>(\$1.15)</i>
9,500	Street and Highway Type	\$13.20	<i>\$13.71</i>	\$158.40	<i>\$164.52</i>	(\$1.32)	<i>(\$1.37)</i>
20,000	Street and Highway Type	\$19.67	<i>\$20.44</i>	\$236.04	<i>\$245.28</i>	(\$1.97)	<i>(\$2.04)</i>
50,000	Street and Highway Type	\$27.96	<i>\$29.06</i>	\$335.52	<i>\$348.72</i>	(\$2.80)	<i>(\$2.91)</i>
140,000	Street and Highway Type	\$57.37	<i>\$59.62</i>	\$688.44	<i>\$715.44</i>	(\$5.74)	<i>(\$5.96)</i>
50,000	Flood Light Type	\$32.46	<i>\$33.73</i>	\$389.52	<i>\$404.76</i>	(\$3.25)	<i>(\$3.37)</i>
Metal Halide:							
3,700	Cobra Head Type	\$15.53	<i>\$16.14</i>	\$186.36	<i>\$193.68</i>	(\$1.55)	<i>(\$1.61)</i>
5,000	Cobra Head Type	\$17.75	<i>\$18.44</i>	\$213.00	<i>\$221.28</i>	(\$1.78)	<i>(\$1.84)</i>
10,000	Cobra Head Type	\$21.93	<i>\$22.79</i>	\$263.16	<i>\$273.48</i>	(\$2.19)	<i>(\$2.28)</i>
3,700	Flood Light Type	\$15.86	<i>\$16.48</i>	\$190.32	<i>\$197.76</i>	(\$1.59)	<i>(\$1.65)</i>
5,000	Flood Light Type	\$18.34	<i>\$19.06</i>	\$220.08	<i>\$228.72</i>	(\$1.83)	<i>(\$1.91)</i>
10,000	Flood Light Type	\$21.79	<i>\$22.64</i>	\$261.48	<i>\$271.68</i>	(\$2.18)	<i>(\$2.26)</i>
47,000	Flood Light Type	\$46.82	<i>\$48.66</i>	\$561.84	<i>\$583.92</i>	(\$4.68)	<i>(\$4.87)</i>
3,700	Power Bracket Included	\$15.80	<i>\$16.42</i>	\$189.60	<i>\$197.04</i>	(\$1.58)	<i>(\$1.64)</i>
5,000	Power Bracket Included	\$18.03	<i>\$18.74</i>	\$216.36	<i>\$224.88</i>	(\$1.80)	<i>(\$1.87)</i>
10,000	Power Bracket Included	\$22.28	<i>\$23.15</i>	\$267.36	<i>\$277.80</i>	(\$2.23)	<i>(\$2.32)</i>
Light Emitting Diode (LED):							
3,850	Cobra Head Type	\$9.60	<i>\$9.97</i>	\$115.20	<i>\$119.64</i>	(\$0.96)	<i>(\$1.00)</i>
6,100	Cobra Head Type	\$11.38	<i>\$11.82</i>	\$136.56	<i>\$141.84</i>	(\$1.14)	<i>(\$1.18)</i>
10,680	Cobra Head Type	\$14.26	<i>\$14.82</i>	\$171.12	<i>\$177.84</i>	(\$1.43)	<i>(\$1.48)</i>
20,000	Cobra Head Type	\$22.98	<i>\$23.88</i>	\$275.76	<i>\$286.56</i>	(\$2.30)	<i>(\$2.39)</i>
4,572	Flood Light Type	\$15.00	<i>\$15.59</i>	\$180.00	<i>\$187.08</i>	(\$1.50)	<i>(\$1.56)</i>
6,810	Flood Light Type	\$15.77	<i>\$16.39</i>	\$189.24	<i>\$196.68</i>	(\$1.58)	<i>(\$1.64)</i>
11,253	Flood Light Type	\$24.43	<i>\$25.39</i>	\$293.16	<i>\$304.68</i>	(\$2.44)	<i>(\$2.54)</i>
15,300	Flood Light Type	\$24.35	<i>\$25.30</i>	\$292.20	<i>\$303.60</i>	(\$2.44)	<i>(\$2.53)</i>
50,403	Flood Light Type	\$52.56	<i>\$54.63</i>	\$630.72	<i>\$655.56</i>	(\$5.26)	<i>(\$5.46)</i>
2,887	Power Bracket Included	\$10.21	<i>\$10.61</i>	\$122.52	<i>\$127.32</i>	(\$1.02)	<i>(\$1.06)</i>
6,100	Power Bracket Included	\$11.38	<i>\$11.82</i>	\$136.56	<i>\$141.84</i>	(\$1.14)	<i>(\$1.18)</i>
12,290	Power Bracket Included	\$16.98	<i>\$17.64</i>	\$203.76	<i>\$211.68</i>	(\$1.70)	<i>(\$1.76)</i>
17,200	Power Bracket Included	\$20.27	<i>\$21.06</i>	\$243.24	<i>\$252.72</i>	(\$2.03)	<i>(\$2.11)</i>
Ornamental Lighting:							
3,300	Street and Highway Type	\$8.91	<i>\$9.26</i>	\$106.92	<i>\$111.12</i>	(\$0.89)	<i>(\$0.93)</i>
<i>Last Change - All Luminaires</i>		<i>7/1/2018</i>	<i>11/1/2020</i>	<i>7/1/2018</i>	<i>11/1/2020</i>	<i>7/1/2018</i>	<i>11/1/2020</i>

* Mercury Vapor Lighting is not available for new lighting installations, effective January 1, 1991.

Issued by: ~~Christine Vaughan~~ *Laurence M. Brock*
 Sr. Vice President

Issued:
 Effective: June 1, 2020 *November 1, 2020*

Fitchburg Gas and Electric Light Company
 Summary of Electric Service Rates
 Schedule SR

Basic Service - \$/kWh M.D.P.U. No. 282		Jun 2020 (1)	Jul 2020 (1)	Aug 2020 (1)	Sep 2020 (1)	Oct 2020 (1)	Nov 2020 (1)	Last change
Residential - RD-1, RD-2	Fixed	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	6/1/20
	Variable	\$0.09199	\$0.09471	\$0.08954	\$0.09068	\$0.08915	\$0.10254	6/1/20
RD-1 Farm Credit	Fixed	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	6/1/20
	Variable	(\$0.00920)	(\$0.00947)	(\$0.00895)	(\$0.00907)	(\$0.00892)	(\$0.01025)	6/1/20
Residential RD-2 25% & 34.5% (11/1/20) Low Income Discount	Fixed	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.02325)	(\$0.02325)	6/1/20
	Variable	(\$0.02300)	(\$0.02368)	(\$0.02239)	(\$0.02267)	(\$0.02229)	(\$0.02564) (\$0.03209) (\$0.03538)	6/1/20 & 11/1/2020 & 11/1/2020
RD-2 Farm Credit	Fixed	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00698)	(\$0.00698)	6/1/20
	Variable	(\$0.00690)	(\$0.00710)	(\$0.00672)	(\$0.00680)	(\$0.00669)	(\$0.00769) (\$0.00609) (\$0.00672)	6/1/20 & 11/1/2020 & 11/1/2020
Small General - GD-1	Fixed	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	\$0.09300	6/1/20
	Variable	\$0.09199	\$0.09471	\$0.08954	\$0.09068	\$0.08915	\$0.10254	6/1/20
Farm Credit	Fixed	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	(\$0.00930)	6/1/20
	Variable	(\$0.00920)	(\$0.00947)	(\$0.00895)	(\$0.00907)	(\$0.00892)	(\$0.01025)	6/1/20
Medium General and Outdoor Lighting - GD-2, GD-4, GD-5, SD	Fixed	\$0.08115	\$0.08115	\$0.08115	\$0.08115	\$0.08115	\$0.08115	6/1/20
	Variable	\$0.07739	\$0.08185	\$0.08073	\$0.08019	\$0.07815	\$0.08912	6/1/20
Farm Credit	Fixed	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	(\$0.00812)	6/1/20
	Variable	(\$0.00774)	(\$0.00819)	(\$0.00807)	(\$0.00802)	(\$0.00782)	(\$0.00891)	6/1/20
Large General - GD-3	Fixed	N/A	N/A	N/A	N/A	N/A	N/A	6/1/20
	Variable	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	6/1/20
Farm Credit	Fixed	N/A	N/A	N/A	N/A	N/A	N/A	6/1/20
	Variable	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	6/1/20

(1) Pursuant to Basic Service Schedule BS (M.D.P.U. 282), effective April 13, 2015.
 Rates include Basic Service Costs Adder of \$0.00635/kWh effective December 1, 2019.

Issued by: ~~Christine Vaughan~~ *Laurence M. Brock*
 Sr. Vice President

Issued:
 Effective: ~~June 1, 2020~~ *November 1, 2020*

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

2017 TAX ACT CREDIT FACTOR

SCHEDULE TACF

CANCELLATION SUPPLEMENT

1.01 — Purpose

~~———— The purpose of the 2017 Tax Act Credit Factor (“TACF”) is to provide Fitchburg Gas and Electric Light Company (the “Company”) a mechanism for the return to all distribution customers the regulatory liability amount of \$10,147,726 associated with the Tax Cuts and Jobs Act of 2017, over the amortization period approved in D.P.U. 18-15.~~

1.02 — Applicability

~~The TACF shall be a per kilowatt-hour (“kWh”) rate applicable to all customers unless otherwise designated. For billing purposes, the TACF shall be included in the Distribution Charge.~~

~~To the extent any of the regulatory liability defined in Section 1.01 includes excess accumulated deferred income tax amounts (“ADIT”) specifically associated with reconciling mechanisms, the Company shall return those amounts through the respective reconciling mechanism and adjust the regulatory liability amount accordingly.~~

1.03 — Effective Date of Annual Tax Act Credit Factor

~~———— The TACF shall be initially effective February 1, 2019 and subsequently effective on the first day of each calendar year, unless otherwise ordered by the Department. The TACF shall remain in effect until the excess ADIT balance is transferred to the new rates that are established in the Company’s next base rate proceeding, or unless otherwise directed by the Department.~~

1.04 — Tax Act Credit Factor Formula

~~$TACF_{xs} = [RA_x + AA] * DRA_s / FUse_{xs}$~~

~~$TACF_{xs}$ = The annual Tax Act Credit Factor for year x and class s.~~

~~RA_x = The Reconciliation Adjustment for year x shall be the amount of over/under collection from the end of the Prior Year plus interest. Reconciliations shall be performed monthly and shall be based on the actual amount credited to customers as recorded in the Company’s billing data base. Excess ADIT may be estimated for the purpose of determining~~

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

2017 TAX ACT CREDIT FACTOR

SCHEDULE TACF ~~(continued)~~

CANCELLATION SUPPLEMENT

~~the TACF and will be subject to reconciliation once the final tax liabilities come due. Interest shall be calculated on the average monthly balance using the prime rate after tax (i.e. prime rate * (1 - tax rate)). The tax rate shall be the combined federal and state income tax rate. The prime rate is to be fixed on a quarterly basis and established as reported in THE WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter; if more than one rate is reported, the average of the reported rates shall be used. Interest shall be added to each end of month balance.~~

~~AA = The Annual Amortization amount, determined in accordance with D.P.U. 18-15.~~

~~FUse_{x,s} = The estimated kWh in the forecast period for year x and class s.~~

~~DRA_s = The Distribution Revenue Allocator is derived from the Company's most recent base rate case, unless otherwise adjusted and approved by the Department. The current allocators are as follows:~~

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,382,752	58.33%
GD-1/GD-2/GD-4/GD-5	\$6,607,255	25.06%
GD-3/Special Contracts	\$4,209,850	15.96%
Streetlights	\$170,448	0.65%

~~s = The Rate Class Group is the combination of similar rate classes, as follows:~~

~~the Residential group is the combination of RD-1 and RD-2;~~

~~the General Service group is the combination of GD-1, GD-2, GD-4 and GD-5;~~

~~the Large General Service group is the combination of G-3 and Special Contracts; and~~

~~Streetlights is the Outdoor Lighting class.~~

1.05 Information Required to be Filed with the Department

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

2017 TAX ACT CREDIT FACTOR

SCHEDULE TACF-(continued)

CANCELLATION SUPPLEMENT

~~Information pertaining to the TACF shall be submitted with the annual reconciliation filing, including complete documentation of the reconciliation adjustment calculations.~~

1.06—Customer Notification

~~The Company shall notify customers in simple terms of changes to the TACF, including the nature of the change and the manner in which the TACF is applied to the bill. In the absence of a standard format, the Company shall submit this notice for approval at the time of each TACF filing. Upon approval by the Department, the Company shall immediately distribute these notices to all of its distribution customers either through direct mail or with its bills, or as a bill message.~~
2017 Tax Act Credit Factor, Schedule TACF, M.D.P.U. No. 326 filed January 4, 2019 and effective February 1, 2019 is hereby cancelled.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1

AVAILABILITY

Service is available under this Schedule for all domestic purposes at individual private dwellings and in individual apartments and apartment or condominium buildings. Service is also available under this Schedule for existing churches and farms at existing locations that received service under this rate prior to the effective date of this tariff page. An existing church or farm which changes its load characteristics by adding new load may no longer qualify for this rate schedule. Single Phase motors exceeding 5 horsepower will be allowed only upon approval by the Company in each instance. When service is delivered through one meter and used for both domestic and non-domestic purposes, billing shall be under this Schedule only if the predominant use of demand, determined by the Company on the basis of metered load data, connected loads, or consumption, is for domestic purposes. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

This Schedule is not available for service furnished for commercial or business purposes including garages, motels, hotels, and boarding houses or residences in which three or more rooms are rented, or for any other non-residential purposes.

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service and limited to 200 Amps at 240 volts. In some areas service may be 120/208 volts.

DELIVERY SERVICE CHARGES - MONTHLY

Customer Charge As per Schedule SR as in effect from time to time
Distribution Charge:
 All kWh As per Schedule SR as in effect from time to time
Transition Charge:
 All kWh As per Schedule SR as in effect from time to time
Internal Transmission Charge:
 All kWh As per Schedule SR as in effect from time to time

Issued by: ~~Christine Vaughan~~Laurence
M. Brock
Sr. Vice President

Issued: ~~October 24, 2019~~May 1, 2020
Effective: November 1, ~~2019~~2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1 (Continued)

MINIMUM CHARGE

The minimum charge shall be the Customer Charge.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- ~~2017 Tax Act Credit Factor - Schedule TACF~~
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

Issued by: ~~Christine Vaughan~~Laurence
M. Brock

Sr. Vice President

Issued: ~~October 24, 2019~~May 1, 2020
Effective: November 1, ~~2019~~2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-1 (Continued)

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and ~~2017 Tax Act Credit Factor~~ Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until canceled by either party upon at least 30 days written notice.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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M. Brock

Sr. Vice President

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2

AVAILABILITY

Service is available under this Schedule for all domestic purposes at individual private dwellings and in individual apartments. Single phase motors exceeding 5 horsepower will be allowed only upon approval by the Company in each instance. This Schedule is not available for an alternate or seasonal home and is not available for service furnished for commercial or business purposes. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time. The Company shall guarantee payment to the generation supplier for all power sold to low-income customers at the discounted rates. The guaranteed payment shall be limited to the amount that the Company would have charged the Customer for Basic Service.

Eligibility for this schedule shall be established upon verification of a low-income Customer's receipt of any means-tested public benefit, or verification of eligibility for the low-income home energy assistance program, or its successor program, for which eligibility does not exceed 60 percent of the median income in Massachusetts based on a household's gross income, or other criteria approved by the Massachusetts Department of Public Utilities. Said public benefits may include, but are not limited to, assistance which provides cash, housing, food, or medical care, including, but not limited to, transitional assistance for needy families, supplemental security income, emergency assistance to elders, disabled, and children, food stamps, public housing, federally-subsidized or state-subsidized housing, the low-income home energy assistance program, veteran's benefits, and similar benefits. Customers who qualify for this Schedule shall be required each year to certify their continuing compliance with the terms hereof.

CHARACTER OF SERVICE

Electricity will normally be delivered at 120/240 volts using three wire, single phase service and limited to 200 Amps at 240 volts. In some areas service may be 120/208 volts.

DELIVERY SERVICE CHARGES - MONTHLY

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2 (continued)

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

LOW INCOME DISCOUNT ADJUSTMENT

The total amount resulting from the billing of all charges under this rate schedule shall represent a discount of ~~2534.5~~ percent (~~2534.5~~%) versus the total amount under RD-1.

MINIMUM CHARGE

The minimum charge shall be the Customer Charge less the application of the Low Income Discount Adjustment provided under this rate schedule.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2 (continued)

Capital Cost Adjustment - Schedule CCA

Solar Cost Adjustment - Schedule SCA

~~2017 Tax Act Credit Factor - Schedule TACF~~

Solar Massachusetts Renewable Target - Schedule SP

Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and ~~2017 Tax Act Credit Factor~~ Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until canceled by either party upon at least 30 days written notice.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

LOW INCOME RESIDENTIAL DELIVERY SERVICE

SCHEDULE RD-2 (continued)

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD

AVAILABILITY

Service is available under this Schedule at single locations to Commercial and Industrial customers where the Company delivers electricity for the exclusive use of the customer and not for resale. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

CHARACTER OF SERVICE

Continuous, 60 hertz, alternating current, single-phase or three-phase service at various voltage levels with the Customer's connected phase requirements and delivery voltage to be designated by the Company.

DELIVERY SERVICE CHARGES - MONTHLY

GD-1 Small General Delivery Service: for all customers with non-residential loads consistently under four (4) kilowatts and energy consumption less than eight hundred fifty (850) kilowatt-hours per month:

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

GD-2 Regular General Delivery Service: for commercial Customers with demands, excluding space heating and water heating loads eligible under the G-5 rate, consistently greater than or equal to four (4) kilowatts or energy consumption consistently greater than or equal to eight hundred fifty (850) kilowatt-hours per month and generally less than one hundred twenty thousand (120,000) kilowatt-hours per month:

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kW As per Schedule SR as in effect from time to time

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kW As per Schedule SR as in effect from time to time

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

GD-3 Large General Delivery Service: for any industrial or large commercial Customer, not participating in special contract rates with energy consumption generally greater than or equal to one hundred twenty thousand (120,000) kilowatt-hours per month:

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kVA As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Transition Charge:

All kVA As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

For the purpose of billing under the GD-3 rate, "On-Peak" is defined to be between the hours of 10:00 A.M. and 10:00 P.M. (local time) for all non-holiday weekdays, Monday through Friday. "Off-Peak" is defined to be between the hours of 10:00 P.M. and 10:00 A.M. (local time) during non-holiday weekdays and all-day for weekends, Saturday and Sunday, and all-day for official Federal and Massachusetts holidays that occur on a weekday.

GD-4 Optional General Delivery Time-Of-Use: service is available under this rate only for existing customers at existing locations that received service under this rate prior to the effective date of this tariff page.

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kW - On Peak Hours As per Schedule SR as in effect from time to time

All kW - Off Peak Hours As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Transition Charge:

All kW - On Peak Hours As per Schedule SR as in effect from time to time

All kW - Off Peak Hours As per Schedule SR as in effect from time to time

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh - On Peak Hours As per Schedule SR as in effect from time to time

All kWh - Off Peak Hours As per Schedule SR as in effect from time to time

For the purpose of billing under the GD-4 rate, On-Peak and Off-Peak periods will be the same as those defined under the GD-3 service.

GD-5 Water And/Or Space Heating Delivery Rider: This provision is restricted to Customers presently served on this rate or having a building permit as of May 1, 1985. If a Customer has installed and in regular operation throughout the entire year a Company approved electric water heater which supplies the Customer's entire water heating requirements and/or a Customer has permanently installed electric space heating equipment for five (5) kilowatts or more, the Customer may elect to have this service metered separately and billed as follows:

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

Customer Charge As per Schedule SR as in effect from time to time

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

When this option is requested, it shall apply for at least 12 months. Space heating Customers shall be subject to a separate minimum charge of \$8.00 per year per kilowatt of installed space heating capacity. This provision applies for both electric heating and electric cooling where the two services are combined by the manufacturer in a single self-contained unit.

DETERMINATION OF DEMAND

For the purpose of billing under the GD-1 Small General Delivery Service Rate and GD-5 Water And/Or Space Heating Delivery Rider, no demand charges will be rendered. The Company, however, reserves the right, at any time, to monitor each GD-1 Customer's load using appropriate metering equipment. When it is determined that a GD-1 Customer's load consistently equals or exceeds 4 kW or its energy consumption equals or exceeds 850 kWh, the Company shall, at its discretion, render bills based on the GD-2 Regular General Delivery Service rate or the GD-4 Optional General Delivery Time-Of-Use rate.

For the purpose of demand billing under the GD-2 Regular General Delivery Service rate and the GD-4 Optional General Delivery Time-Of-Use rate, demands shall be measured as the highest 15-minute integrated kilowatt (kW) load determined during the month for which the charge is rendered, but not less than any specified minimum available contract capacity, if applicable.

The billing demand measured under the GD-2 and GD-4 rates shall be taken in 0.5 kW intervals, and those demands falling between any half kW interval shall be billed at the next lower 0.5 kW increment.

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GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

For the purpose of demand billing under the GD-3 Large General Delivery Service rate, demands shall be measured as the highest 15-minute integrated kilovolt-ampere (kVA) load determined during the On-Peak period of the month for which the charge is rendered, but not less than any specified minimum available contract capacity if applicable.

The billing demand measured under the GD-3 rate shall be taken in 0.5 kVA intervals and those demands falling between any half kVA interval shall be billed at the next lower 0.5 kVA increment.

MINIMUM CHARGE

The Minimum Charge per month, except as may be increased by line extension surcharges or guaranteed temporary service connections, shall be no less than the Customer Charge for each type of delivery service installed. For GD-3 Customers, there may be an additional minimum capacity charge based upon the service contract for that Customer.

METERING

The Company may at its option meter at the Customer's utilization voltage or on the high voltage side of the transformer through which service is furnished.

In the latter case or if the Customer's utilization voltage requires no transformation, and if the Company meters service at 4160 volts or higher, a compensating deduction of 3% will be made from the metered kilowatt (or kilovolt-ampere) demand and kilowatt-hour usage to determine billing amounts.

CREDIT FOR TRANSFORMER OWNERSHIP

GD-3 customers are responsible for their own transformation, but may rent such transformation from the Company at the Company's discretion. For all other General Delivery Service Customers, if the Customer furnishes all transformers required so that the Company is not required to furnish any transformers, there will be credited against the amount determined under the Distribution Charge 19 cents for each kilowatt of demand for such month.

FARM CREDIT

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

TERM OF CONTRACT

The term of contract under this Schedule shall be for an initial period of at least one year, and shall continue in effect thereafter until cancelled by either party upon at least 30 days' written notice. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RCC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

Capital Cost Adjustment - Schedule CCA

Solar Cost Adjustment - Schedule SCA

~~2017 Tax Act Credit Factor - Schedule TACF~~

Solar Massachusetts Renewable Target - Schedule SP

Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and ~~2017 Tax Act Credit Factor~~ Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

TERMS OF PAYMENT

The Charges for service under this Schedule are net, billed monthly and payable upon presentation of bill. Interest charges will be added from the date of the original bill if current charges for electricity are not paid and received by the Company or its agents within twenty-five (25) days. Interest charges shall be calculated at an annual rate of interest which is the equivalent of the rate paid on two-year United States Treasury notes for the preceding 12 months ending December 31 of any year, plus 10 percent, *i.e.* 1000 basis points, in accordance with 220 CMR 26.00. The monthly interest charge is also added to accounts until all arrears have been paid.

GUARANTEE

When the estimated expenditure necessary to supply electrical energy properly to a Customer's premises shall be of such an amount that the income to be derived from the sale of such energy at the rates herein established, including the monthly minimum charge, will be

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GENERAL DELIVERY SERVICE

SCHEDULE GD (Continued)

insufficient to warrant such expenditure, the Company may require the Customer to guarantee a minimum annual payment for a term of years and/or to pay the whole or a part of the cost of extending, enlarging or rebuilding its facilities to supply the Customer's premises or other reasonable payments in addition to the payments otherwise provided herein.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD

AVAILABILITY

This Schedule is available to all Customers for Outdoor Lighting Delivery Service - Company Owned Equipment with the Company's standard lighting fixtures mounted on existing poles, except as otherwise provided herein. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

CHARACTER OF SERVICE

All lighting shall be photoelectrically controlled and supplied from multiple circuits. The Company will furnish and maintain the equipment hereinafter described, and shall supply service at which the lamps are designed to operate.

DELIVERY SERVICE CHARGES - MONTHLY

The monthly charges for Outdoor Lighting Delivery Service - Company Owned Equipment will include the kWh Charges plus the Luminaire Charges for the applicable luminaire as listed below.

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

(A) Mercury Vapor Lighting Equipment*

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month Distribution Charge
3,500	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
7,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
60,000	(MV) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(MV) Flood Light Type	As per Schedule SR as in effect from time to time
3,500	(MV) Power Bracket Included	As per Schedule SR as in effect from time to time
7,000	(MV) Power Bracket Included	As per Schedule SR as in effect from time to time

* Mercury Vapor Lighting is not available for new lighting installations, effective January 1, 1991.

(B) High Pressure Sodium Lighting Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month Distribution Charge
3,300	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
9,500	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
20,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
50,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
140,000	(HPS) Street and Highway Type	As per Schedule SR as in effect from time to time
50,000	(HPS) Flood Light Type	As per Schedule SR as in effect from time to time

Note: High pressure sodium lights designated by the above types are also available for use on private property subject to the provisions contained under "Special Provisions" hereof.

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OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

(C) Ornamental Lighting Equipment (Customer assumes all initial installation expenses inclusive of materials).

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,300	Street and Highway Type		As per Schedule SR as in effect from time to time

(D) Metal Halide Lighting Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,700	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
5,000	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
10,000	(MH) Cobra Head Type		As per Schedule SR as in effect from time to time
3,700	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
5,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
10,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
47,000	(MH) Flood Light Type		As per Schedule SR as in effect from time to time
3,700	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time
5,000	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time
10,000	(MH) Power Bracket Included		As per Schedule SR as in effect from time to time

(E) Light Emitting Diode (LED) Equipment

Lamp Size Nominal Lumens (Approx.)	Type of Luminaire	Price Per Luminaire Per Month	Distribution Charge
3,850	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
6,100	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
10,680	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
20,000	(LED) Cobra Head Type		As per Schedule SR as in effect from time to time
4,572	(LED) Flood Light Type		As per Schedule SR as in effect from time to time

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OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

6,810	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
11,253	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
15,300	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
50,403	(LED) Flood Light Type	As per Schedule SR as in effect from time to time
2,887	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
6,100	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
12,290	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time
17,200	(LED) Power Bracket Included	As per Schedule SR as in effect from time to time

BILLING KWH PER LUMINAIRE

Charges per kWh will be based on the monthly kWh per luminaire shown in the table below as modified on a quarterly basis. A daily kWh amount is determined from the monthly amounts by dividing monthly kWh by the designated average number of days in the month. The daily kWh amount is then multiplied by the actual number of days for each calendar month during the billing period as measured from the previous month's billing cycle date to the date immediately preceding the current month's billing cycle date and then multiplied by the charges per kWh.

<u>Lamp Size (Lumens and Type)</u>	<u>Feb-April</u>	<u>May-Jul</u>	<u>Aug-Oct</u>	<u>Nov-Jan</u>
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
<u>Mercury Vapor:</u>				
3,500 Street and Highway Type	39	30	39	49
7,000 Street and Highway Type	68	51	67	87
20,000 Street and Highway Type	156	119	155	199
60,000 Street and Highway Type	367	278	364	467
20,000 Flood Light Type	156	119	155	199
3,500 Power Bracket Included	39	30	39	49
7,000 Power Bracket Included	68	51	67	87
<u>High Pressure Sodium:</u>				
3,300 Street and Highway Type	20	15	20	25
9,500 Street and Highway Type	40	31	39	51
20,000 Street and Highway Type	84	64	84	108
50,000 Street and Highway Type	160	122	159	204
140,000 Street and Highway Type	376	285	372	479
50,000 Flood Light Type	160	122	159	204

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

Metal Halide:

3,700 Cobra Head Type	39	30	39	50
5,000 Cobra Head Type	57	43	57	73
10,000 Cobra Head Type	124	94	123	158
3,700 Flood Light Type	39	30	39	50
5,000 Flood Light Type	57	43	57	73
10,000 Flood Light Type	124	94	123	158
47,000 Flood Light Type	359	273	356	457
3,700 Power Bracket Included	39	30	39	50
5,000 Power Bracket Included	57	43	57	73
10,000 Power Bracket Included	124	94	123	158

Light Emitting Diode (LED)

3,850 Cobra Head Type	17	13	17	22
6,100 Cobra Head Type	29	22	29	37
10,680 Cobra Head Type	33	25	33	42
20,000 Cobra Head Type	84	64	84	107
4,572 Flood Light Type	15	12	15	20
6,810 Flood Light Type	33	25	33	42
11,253 Flood Light Type	36	28	36	46
15,300 Flood Light Type	65	49	64	83
50,403 Flood Light Type	182	138	180	231
2,887 Power Bracket Included	8	6	8	10
6,100 Power Bracket Included	29	22	29	37
12,290 Power Bracket Included	44	33	43	56
17,200 Power Bracket Included	87	66	87	111

Ornamental:

3,300 Street and Highway Type	20	15	20	25
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OTHER EQUIPMENT

Lighting fixtures other than those specified herein will be provided only at prices and for a term of contract to be mutually agreed upon. The Company shall calculate the quarterly

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

kWh as needed for light types that do not conform to this list based on equipment specifications provided by the customer.

TERM OF CONTRACT

Service under this Schedule shall be for an initial period of one year with automatic one year extensions thereafter until canceled by either party giving the other notice in writing at least 30 days prior to the expiration of any contract year. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

BILLS AND PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws, shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

SPECIAL PROVISIONS

- (a) **Hours of Operation**
Approximate hours of operation will be from one-half hour after sunset to one-half hour before sunrise. The total burning hours shall not exceed 4,100 hours per year.
- (b) **Lamp Replacement**
The Company shall replace defective lamps as promptly as possible during regular working hours, after having been advised of the need of such replacement by the Customer.
- (c) **Change of Location**

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OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

The Company will, at the expense of the Customer, change the location of such fixtures as the Customer may order.

(d) **Change of Fixture**

The Company will change the type of lighting fixture at the Customer's request, during regular working hours, but may require the customer to reimburse the Company for the depreciated cost of the retired equipment including installation and cost of removal, less any salvage value thereon.

(e) **Permits**

The Customer shall provide, without cost to the Company, all permits, consents, or easements necessary for the erection, maintenance and operation of the Company's facilities, including the right to cut and trim trees where necessary

(f) **Limitation of Service**

The Company reserves the right to restrict installations served under this schedule to those which will yield a reasonable return to the Company and to areas easily accessible by service truck.

(g) **Additional Equipment**

Lighting installations requiring new poles and overhead conductors, or lighting units mounted on ornamental standards connected to an underground distribution circuit will be available only when the Customer signs an agreement under which Customer agrees to pay each month an additional charge of 2.4% of the excess cost of the facilities. Such an agreement shall have a minimum term of ten (10) years whenever more than four (4) luminaires are so installed.

Excess cost is defined as being the cost in excess of that which would have been incurred had the lights been mounted on existing poles.

(h) **Failure of Lights to Burn**

If any lights fail to burn the full period herein provided, then upon request, a deduction will be made from the monthly price for such lights provided they are not burning within 72 hours from the time the Company is notified of the outage.

The deduction shall be the monthly Delivery Service Charges multiplied by the ratio that the period of such outage bears to the total monthly burning time as herein indicated.

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OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

This deduction shall not apply in case the failure of the lights to burn is due to the act of any public authority or to malicious breakage; provided, however, that in the latter case the necessary repairs are made with reasonable dispatch.

ADJUSTMENTS

The Delivery Service Charges under this rate shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- ~~2017 Tax Act Credit Factor - Schedule TACF~~
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling Adjustment

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - COMPANY OWNED EQUIPMENT

SCHEDULE SD (Continued)

Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and ~~2017 Tax Act Credit Factor~~Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC

AVAILABILITY

This Schedule is available to any municipal city or town, governmental entity, or other public authority, hereinafter referred to as Customer for Outdoor Lighting Delivery Service - Customer Owned Equipment with the Company's standard lighting fixtures mounted on existing poles, except as otherwise provided herein. This Schedule is for delivery service only. Customers are required to obtain an energy supply from a Competitive Supplier or may be eligible for Basic Service from the Company pursuant to Schedule BS as amended from time to time.

Any Customer that has purchased designated Company outdoor lighting equipment pursuant to G.L. c. 164 § 34A and is receiving service and is subject to the provisions of this tariff that pertain to purchased outdoor lighting equipment, shall also be referred to as Municipal Customer solely for the purpose of those specific provisions.

1. Existing Municipal Customers under the Company's Rate SD that purchased outdoor lights and/or dedicated poles, standards or accessories shall be served under this rate, provided that the Municipal Customer has complied with all provisions and terms of the rates and any related service agreements. Service under this rate is contingent upon the execution of a written purchase and sale agreement for the Company's designated outdoor lighting equipment, and dedicated poles, standards or accessories, the completed transfer of title to the equipment from the Company to the Municipal Customer, and the execution of a license agreement between the Municipal Customer and the Company.
2. Outdoor light replacements and additions installed by a Municipal Customer pursuant to (1) above, following its purchase of outdoor lights, may be made by providing written notice to the Company.
3. Customers who are not specifically designated as Municipal Customers, as defined above, may make additions of Customer owned luminaires under this rate by providing written notice to the Company. Service to a Customer under this rate shall be contingent upon the execution of a service agreement between the Customer and the Company.

Outdoor Lighting Delivery Service - Customer Owned Equipment under this rate schedule does not include maintenance of outdoor lighting equipment owned by the Customer. The Customer shall be responsible for providing maintenance, and, absent a separate contract

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OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

between the Company and the Customer, the Company shall have no obligation to maintain facilities and equipment owned by the Customer. The Company reserves the right to transition existing Customers previously under an applicable discontinued service to this Outdoor Lighting Delivery Service - Customer Owned Equipment, whereby the Customer shall be compliant with all terms and conditions as set forth.

CHARACTER OF SERVICE

All lighting shall be photoelectrically controlled and supplied from multiple circuits. The Company shall supply service at which the lamps are designed to operate.

DELIVERY SERVICE CHARGES - MONTHLY

The monthly charges for Outdoor Lighting Delivery Service - Customer Owned Equipment will include the kWh Charges for the applicable luminaire as listed below.

Distribution Charge:

All kWh As per Schedule SR as in effect from time to time

Transition Charge:

All kWh As per Schedule SR as in effect from time to time

Internal Transmission Charge:

All kWh As per Schedule SR as in effect from time to time

BILLING KWH PER LUMINAIRE

Charges per kWh will be based on the monthly kWh per luminaire shown in the table below as modified on a quarterly basis. A daily kWh amount is determined from the monthly amounts by dividing monthly kWh by the designated average number of days in the month. The daily kWh amount is then multiplied by the actual number of days for each calendar month during the billing period as measured from the previous month's billing cycle date to the date immediately preceding the current month's billing cycle date and then multiplied by the charges per kWh.

The Company shall calculate the quarterly kWh as needed for light types that do not conform to this list based on equipment specifications provided by the Customer.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

<u>Lamp Size (Lumens and Type)</u>	<u>Feb-April</u>	<u>May-Jul</u>	<u>Aug-Oct</u>	<u>Nov-Jan</u>
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
<u>Mercury Vapor:</u>				
3,500 Street and Highway Type	39	30	39	49
7,000 Street and Highway Type	68	51	67	87
20,000 Street and Highway Type	156	119	155	199
60,000 Street and Highway Type	367	278	364	467
20,000 Flood Light Type	156	119	155	199
3,500 Power Bracket Included	39	30	39	49
7,000 Power Bracket Included	68	51	67	87
<u>High Pressure Sodium:</u>				
3,300 Street and Highway Type	20	15	20	25
9,500 Street and Highway Type	40	31	39	51
20,000 Street and Highway Type	84	64	84	108
50,000 Street and Highway Type	160	122	159	204
140,000 Street and Highway Type	376	285	372	479
50,000 Flood Light Type	160	122	159	204
<u>Metal Halide:</u>				
3,700 Cobra Head Type	39	30	39	50
5,000 Cobra Head Type	57	43	57	73
10,000 Cobra Head Type	124	94	123	158
3,700 Flood Light Type	39	30	39	50
5,000 Flood Light Type	57	43	57	73
10,000 Flood Light Type	124	94	123	158
47,000 Flood Light Type	359	273	356	457
3,700 Power Bracket Included	39	30	39	50
5,000 Power Bracket Included	57	43	57	73
10,000 Power Bracket Included	124	94	123	158
<u>Light Emitting Diode (LED)</u>				
3,850 Cobra Head Type	17	13	17	22
6,100 Cobra Head Type	29	22	29	37

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

10,680 Cobra Head Type	33	25	33	42
20,000 Cobra Head Type	84	64	84	107
4,572 Flood Light Type	15	12	15	20
6,810 Flood Light Type	33	25	33	42
11,253 Flood Light Type	36	28	36	46
15,300 Flood Light Type	65	49	64	83
50,403 Flood Light Type	182	138	180	231
2,887 Power Bracket Included	8	6	8	10
6,100 Power Bracket Included	29	22	29	37
12,290 Power Bracket Included	44	33	43	56
17,200 Power Bracket Included	87	66	87	111
<u>Ornamental:</u>				
3,300 Street and Highway Type	20	15	20	25

HOURS OF OPERATION

Approximate hours of operation will be from one-half hour after sunset to one-half hour before sunrise. The total burning hours shall not exceed 4,100 hours per year.

TERM OF CONTRACT

Service under this Schedule shall be for an initial period of one year with automatic one year extensions thereafter until canceled by either party giving the other notice in writing at least 30 days prior to the expiration of any contract year. The Company may require longer initial and renewal contract terms whenever, in its opinion, the estimated annual revenue is insufficient to warrant the Company making the necessary commitments to render service.

BILLS AND PAYMENT

Bills are net and due upon presentation.

FARM CREDIT

Customers who qualify as persons or corporations engaged in the business of agriculture or farming, as defined pursuant to section 1A of Chapter 128 of the General Laws,

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

shall receive a credit of ten percent from the otherwise applicable rates. The credit shall be based on full Delivery Service rates plus the Basic Service rate, if applicable. The credit will be recalculated as required to maintain the ten percent discount from these rates as in effect from time to time.

ADJUSTMENTS

The Delivery Service Charges under this Schedule shall be adjusted from time to time to reflect the following:

- Energy Efficiency Charge - Schedule EEC
- Energy Efficiency Reconciliation Factor - Schedule EEC
- Internal Transmission Service Cost Adjustment - Schedule ITSCA
- External Transmission Charge - Schedule ETC
- Transition Cost Adjustment - Schedule TCA
- Renewable Resource Charge - Schedule RRC
- Basic Service Adjustment - Schedule BSA
- Pension/PBOP Adjustment Factor - Schedule PAF
- Net Metering Recovery Surcharge - Schedule NM
- Revenue Decoupling Adjustment Factor - Schedule RDAC
- Attorney General Consultant Expense Factor - Schedule AGCEF
- Long-Term Renewable Energy Contract Adjustment Factor - Schedule LTRCA
- Residential Assistance Adjustment Clause - Schedule RAAC
- Capital Cost Adjustment - Schedule CCA
- Solar Cost Adjustment - Schedule SCA
- ~~2017 Tax Act Credit Factor - Schedule TACF~~
- Solar Massachusetts Renewable Target - Schedule SP
- Storm Reserve Adjustment Factor - Schedule SRAC

For billing purposes, the Pension/PBOP Adjustment Factor, Energy Efficiency Reconciliation Factor, Net Metering Recovery Surcharge, Revenue Decoupling

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

Adjustment Factor, Attorney General Consultant Expense Factor, Long-Term Renewable Energy Contract Adjustment Factor, Residential Assistance Adjustment Clause, Capital Cost Adjustment, Solar Cost Adjustment and ~~2017 Tax Act Credit Factor~~ Storm Reserve Adjustment Factor will be included in the Distribution Charge. The Internal Transmission Service Cost Adjustment and External Transmission Charge will be added to the Internal Transmission Charge and billed as the Transmission Charge. The Transition Cost Adjustment and the Basic Service Adjustment will be included in the Transition Charge. The Energy Efficiency Charge, Renewable Resource Charge and Solar Massachusetts Renewable Target will each be included as separate items on the bill.

OTHER FEES AND CHARGES

Individual charges for specific Customer requested services will be identified as adjustments on the bill. The representation of applicable fees associated with specific agreements or license terms and conditions between the Customer and the Company will be imposed according to the agreements, licenses or as specified in the Terms and Conditions for Distribution Service and presented as adjustments on the Customer's bill.

FIELD SURVEY CHARGE

As specified in the License Agreements executed by the Company and the Customer at the purchase and sale closing, the Company will charge a Field Survey Charge per on-site and/or office survey at the request of the Customer when the Customer intends to either make a new lighting attachment or relocate or alter an existing lighting attachment, in order to determine if the support(s) can safely accommodate the requested lighting attachment. The Field Survey Charge shall be \$70 per service call.

LIGHTING SERVICE CHARGE

The Company may assess a Lighting Service Charge for Company services rendered in response to a Customer request in support of Customer equipment where the condition, service, or connection is unrelated to the performance of facilities owned by the Company. The Lighting Service Charge shall be \$100 per service call.

DISCONNECT/RECONNECT CHARGE

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

The Company may assess a Disconnect/Reconnect Charge for Company services rendered in response to a Customer request in support of a Disconnect/Reconnect activity. This charge does not include the removal of any Customer owned equipment. In the case of an emergency situation where the Company removes Customer owned equipment, additional charges may apply. The Disconnect/Reconnect Charge shall be \$100 per service call.

UNDERGROUND WORK/TROUBLESHOOTING CHARGE

The Company may assess an Underground Work/Troubleshooting Charge for Company services rendered in response to a Customer request in support of an Underground Work/Troubleshooting activity. The Underground Work/Troubleshooting Charge shall be \$170 per hour.

UNAUTHORIZED USE CHARGE

The Company may assess an Unauthorized Use Charge per luminaire for each instance in which the Company discovers a luminaire in service in which the Company has not been duly notified under the Inventory of Lights provision of this Schedule. Upon such discovery, the Company shall update its billing records to include the luminaire for billing purposes. The Unauthorized Use Charge shall be \$100 per unauthorized fixture.

INVENTORY OF LIGHTS

The Customer shall be responsible for reporting to the Company the number and type of luminaires by location and applicable reference that are operating at any time. The Customer shall provide the Company with a complete listing of all luminaires served under this rate no less than thirty (30) days following any changes to this listing as those changes occur during the year. Such reporting is necessary to ensure that the Company will bill the Customer accurately for the cost of distribution, transmission, transition, demand side management, renewables, and where appropriate, Basic Service. The Company will perform random confirmation of operating lights in a municipality to ensure accuracy of such reports. If the Customer fails to meet the referenced reporting requirements or the identification of unreported lights by the Company, the Company will have the right to terminate service under this tariff and require the Customer to obtain service under an applicable metered service.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

OUTDOOR LIGHTING DELIVERY SERVICE - CUSTOMER OWNED EQUIPMENT

SCHEDULE SDC (Continued)

LIABILITY AND INDEMNIFICATION

This Rate Schedule is subject to the “Company Liability” provisions of Section 9 of the Company’s “Terms and Conditions for Distribution Service,” as amended from time to time.

The Customer has the responsibilities and obligations associated with luminaire and support or accessory ownership and maintenance of the street and area lighting facilities served under this tariff. The Customer assumes all liability and shall indemnify the Company for all damages, claims, and liabilities associated with the ownership, maintenance, and operation or failure of operation of the outdoor lighting facilities, and the Company shall have the right to require the Customer to purchase insurance or a bond naming the Company as beneficiary to assure such indemnification and assumption of liability is effective. Under no circumstance shall the Company have the obligation to maintain facilities and equipment sold to or owned by the Customer absent the execution of a separate agreement for maintenance. All facilities and equipment purchased by a Municipal Customer pursuant to G.L. c. 164 § 34A shall be on an AS IS basis without any warranty, whether express or implied.

TERMINATION OF MUNICIPAL OWNERSHIP

If the municipal Customer chooses to terminate its ownership of outdoor lighting equipment, the Customer must provide six (6) months’ written notice of such termination. Upon termination, the Customer will accept service under the appropriate tariff and shall transfer to the Company the ownership of all outdoor lights and poles, standards or accessories previously owned by the Customer at the time of termination at no cost to the Company, and the Company shall operate and maintain the outdoor lighting equipment as part of its outdoor lighting system under the appropriate company owned outdoor lighting delivery service tariff accepted by the Customer in effect at the time. In the event that the outdoor lights and poles, standards or accessories do not conform to the Company’s standards, the Customer shall remove the Customer’s outdoor lights from Company-owned poles and discontinue service for outdoor lights on Customer-owned poles or standards.

TERMS AND CONDITIONS

The Company's Terms and Conditions, in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this Schedule.

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC

Section

- 1.0 Purpose
- 2.0 Applicability
- 3.0 Definitions
- 4.0 Determination of Annual Target Revenue
- 5.0 Calculation of the Revenue Decoupling Adjustment Factor
- 6.0 Limitations on Recovery
- 7.0 Effective Dates
- 8.0 Interim Filings
- 9.0 Information to be Filed with the Department

1.0 Purpose

The purpose of the Revenue Decoupling Adjustment Clause (“RDAC”) is to establish procedures that allow Fitchburg Gas and Electric Light Company (the "Company") subject to the jurisdiction of the Department of Public Utilities ("Department") to adjust, on an annual basis, its rates for distribution service in order to reconcile Actual Base Revenue recoveries with Target Revenue. The RDAC eliminates the link between customer sales and Company earnings in order to align the interests of the Company and customers with respect to lowering customer usage.

2.0 Applicability

The RDAC shall apply to all of the Company’s delivery service Rate Schedules, subject to the jurisdiction of the Department, as determined in accordance with the provisions of this clause.

3.0 Definitions

The following definitions shall apply throughout the provisions of this revenue decoupling tariff:

- (1) **Actual Base Revenue** are amounts booked by the Company for customer charges and distribution charges over a given year, January 1 to December 31. This excludes revenue from the Revenue Decoupling Adjustment Factor. Actual revenue shall include base rate revenues from the Company’s delivery service Rate Schedules and special contract customers with the rates charged to the special contract customers determined in accordance with the terms of the special contract. For purposes of calculating Actual Base Revenue, the non-discounted base revenues prior to application of the low income discount shall be used.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

- (2) **Annual Target Revenue (“ATR”)** is the class-specific revenue requirement as approved by the Department in the Company’s most recent base rate case, ~~unless and as~~ otherwise adjusted and approved by the Department, ~~less a Streetlight Sales Adjustment as defined below.~~
- (3) **Forecasted Kilowatthours (“kWh”)** is the forecasted amount of electricity, as measured in kilowatthours, to be delivered by the Company for the twelve month period, January 1st to December 31st, during which the proposed Revenue Decoupling Adjustment Factor will be in effect.
- ~~(3)(4) **Streetlight Sales Adjustment** shall mean the annual cumulative dollar adjustment to each year’s ATR as a result of selling its streetlighting equipment pursuant to G.L. c. 164 § 34A subsequent to the effective date of new base distribution rates resulting from a general rate case. The Streetlight Sales Adjustment shall be a downward adjustment to each year’s ATR and shall be calculated as the proceeds received by the Company from the sale of its streetlighting equipment multiplied by the avoided cost of no longer owning, operating, and maintaining such equipment, stated as a percentage, as determined by the Company’s final streetlight revenue requirement. The Streetlight Sales Adjustment shall be set to zero and calculated for new streetlight sales effective with the subsequent implementation of new base distribution rates as provided for above.~~

4.0 Determination of Annual Target Revenue

The ATR for each rate class shall consist of the class-specific revenue requirement as approved by the Department in a Company base rate case ~~and as adjusted by the Streetlight Sales Adjustment, unless and as~~ otherwise adjusted and approved by the Department.

~~For the period beginning May 1, 2016 through June 30, 2018, the ATR approved in D.P.U. 15-80 are as follows:~~

Rate RD-1/RD-2	\$15,862,859
Rate GD-1	\$675,942
Rate GD-2	\$6,105,112
Rate GD-4	\$2,974
Rate GD-5	\$29,445
Rate GD-3*	\$4,309,519

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

~~Outdoor Lighting~~ \$444,717
~~Total~~ \$27,430,568

~~*Includes Special Contract base revenues.~~

For the period beginning July 1, 2018 through October 31, 2020, the ATR approved in D.P.U. 18-15 are as follows:

Rate RD-1/RD-2	\$15,382,752
Rate GD-1	\$655,484
Rate GD-2	\$5,920,334
Rate GD-4	\$2,884
Rate GD-5	\$28,554
Rate GD-3*	\$4,209,850
Outdoor Lighting	<u>\$431,257</u>
Total	\$26,631,114

~~*Includes Special Contract base revenues.~~

For the period beginning November 1, 2020, the ATR approved in D.P.U. 19-130 are as follows:

Rate RD-1/RD-2	\$15,738,459
Rate GD-1	\$763,672
Rate GD-2	\$5,912,793
Rate GD-4	\$5,543
Rate GD-5	\$28,486
Rate GD-3*	\$4,277,354
Outdoor Lighting	\$399,781
Total	\$27,126,088

~~*Includes Special Contract base revenues.~~

5.0 Calculation of the Revenue Decoupling Adjustment Factor

5.1 Description of Revenue Decoupling Adjustment Factor

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Sr. Vice President

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FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

Each year, the Company shall calculate a Revenue Decoupling Adjustment Factor (“RDAF”) to be applied to customer bills for the period January 1 through December 31. For billing purposes, the RDAF shall be included in the Distribution Charge.

The RDAF shall be calculated by comparing the difference between Annual Target Revenue to Actual Base Revenue for each rate class with the resulting differences summed to develop a total Company shortfall or surplus. The total, including reconciliation, shall be divided by projected kWh sales for the next January 1 through December 31 period.

5.2 Revenue Decoupling Adjustment Factor Formula

$$RDAF_s = \frac{(RDA + R) * DRA_s}{FkWh_s}$$

Where:

RDAF_s The Revenue Decoupling Adjustment Factor for class s.

RDA The Revenue Decoupling Adjustment equals the sum of each class’s difference of ATR to total Actual Base Revenue for the period January 1 through December 31. The RDA shall include actual data for January through September and estimated data for October through December.

R Revenue Decoupling Adjustment Clause Reconciliation – Balance in Account 173 as outlined in Section 5.3, inclusive of the associated interest.

FkWh_s Forecasted kWh for class s as defined in Section 3.0.

DRA_s The Distribution Revenue Allocator is derived from the Company’s most recent base rate case, unless otherwise adjusted and approved by the Department.

~~The allocators approved in D.P.U. 15-80 for use in RDAF filings made through June 30, 2018 are as follows:~~

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,862,859	58.40%
GD-1/GD-2/GD-4/GD-5	\$6,813,473	25.08%
GD-3/Special Contracts	\$4,309,519	15.87%
Streetlights	\$175,767	0.65%

The allocators approved in D.P.U. 18-15 for use in RDAF filings made through October 31, 2020~~after June 30, 2018~~ are as follows:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,382,752	58.33%
GD-1/GD-2/GD-4/GD-5	\$6,607,255	25.06%
GD-3/Special Contracts	\$4,209,850	15.96%
Streetlights	\$170,448	0.65%

The allocators approved in D.P.U. 19-130 for use in RDAF filings made on and after November 1, 2020 are as follows, effective with the next scheduled rate change:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,738,459	58.60%
GD-1/GD-2/GD-4/GD-5	\$6,710,494	24.99%
GD-3/Special Contracts	\$4,277,354	15.93%
Streetlights	\$129,125	0.48%

- s The Rate Class Group is the combination of similar rate classes, as follows:
 the Residential group is the combination of RD-1 and RD-2;
 the General Service group is the combination of GD-1, GD-2, GD-4 and GD-5;
 the Large General Service group is the combination of GD-3 and Special Contracts; and Streetlights is the combination of Outdoor Lighting classes SD and SDC.

5.3 Revenue Decoupling Adjustment Clause Reconciliation

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

Account 173.01.33 shall contain the accumulated difference between the RDA allowable per the RDAF formula, including actual data for October, November and December, and actual revenues received by the Company through application of the RDAF to customer bills. Interest shall be calculated on the average monthly balance of Account 173.01.33 using the prime rate computed in accordance with 220 C.M.R. § 6.08(2).

6.0 Revenue Decoupling Adjustment Cap

The total annual RDA, including related reconciliation, determined in accordance with Section 5.2 may not exceed one and one half percent (1.5%) of total revenues from delivered sales for the most recent year, January through December, with revenue for externally supplied customers being adjusted by imputing the Company's basic service charges for that period. Total revenue shall include amounts that the Company has billed customers through applicable charges for distribution service, transmission service, transition charges, energy efficiency, basic service, and any and all related adjustment factors. This cap is applicable to underrecoveries only; overrecoveries shall be credited in full. To the extent that the application of the RDA cap results in a RDA that is less than that calculated in accordance with Section 5.2, the difference shall be deferred and included in the Revenue Decoupling Adjustment Clause Reconciliation for recovery in the subsequent year. Carrying charges shall be calculated on the average deferred balance using the prime rate computed in accordance with 220 C.M.R. § 6.08(2), then added to each end-of-month balance.

7.0 Effective Date

The RDAF shall be effective on January 1st of each year, unless otherwise ordered by the Department.

8.0 Interim Filings

The Company will file for a mid-period adjustment if the projected end-of-year RDA under- or over-collection exceeds ten percent of the target level.

9.0 Information to be Filed with the Department

Information pertaining to the RDAC shall be filed with the Department sixty (60) days prior to January 1. Such information shall include the proposed RDAF, applicable revenue

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

REVENUE DECOUPLING ADJUSTMENT CLAUSE

SCHEDULE RDAC (continued)

decoupling adjustment, and revenue decoupling adjustment clause reconciliation. The Company shall also file for its residential, commercial, industrial, and street lighting customer classes: (1) monthly customer counts; (2) monthly kWh sales; (3) weather normalized monthly kWh sales; (4) lost base revenue from energy efficiency programs for the most recent calendar year available; and (5) forecasted sales for the next two years.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA

Section

- 1.0 Capital Cost Adjustment
- 2.0 Applicability
- 3.0 Definitions
- 4.0 Effective Date
- 5.0 Capital Cost Adjustment Factor Formula
- 6.0 Information to be Filed with the Department

1.0 Capital Cost Adjustment

1.1 Purpose

The purpose of the Capital Cost Adjustment (“CCA”) rate mechanism is to establish a procedure that allows the Company to recover the Cumulative Revenue Requirement associated with utility plant additions recorded by the Company since December 31, 201~~8~~4, as defined in Section 3.0.

1.2 CCA Factors

The Company shall develop annual CCA Factors to recover the Cumulative Revenue Requirement for its Actual Net CapEx recorded since December 31, 201~~8~~4 through the end of the Current Year, unless otherwise approved by the Department.

The CCA Factors effective January 1, 2020 shall be set to zero on November 1, 2020 when new base distribution rates are effective as determined in Docket No. D.P.U. 19-130.

The CCA Factors effective January 1, 2021 shall recover the revenue requirement associated with Actual Net Capex for calendar year 2019 as defined in Section 3.0 and any remaining balance for prior periods.

The Company shall allocate the Cumulative Revenue Requirement approved by the Department for recovery through the CCA, including any reconciliation and associated interest, to its rate classes based on the CCA Allocator. The reconciliation shall reflect the accumulated difference between the CCA, and actual revenues received by the Company through application of the CCA Factors to customer bills, plus interest. Interest shall be

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

calculated on the average monthly balance using the customer deposit rate. The amount of Cumulative Revenue Requirement, reconciliation and interest by class, shall then be converted to a per kilowatt- hour factor for each rate class based on the estimated kilowatt-hours deliveries for the applicable class for the recovery year commencing January 1.

1.3 Annual Rate Cap

The annual change in the Cumulative Revenue Requirement may not exceed one and a half percent (1.5%) of total revenue as recorded during the Current Year, with revenue for externally supplied customers being adjusted by imputing the Company's basic service charges for that period. Total revenue shall include amounts that the Company has billed customers through applicable charges for distribution service, transmission service, transition charges, energy efficiency, basic service, and any and all related adjustment factors. To the extent that the annual change in the Cumulative Revenue Requirement exceeds one and a half percent of total revenue, the difference shall be deferred with interest calculated at the customer deposit rate and included in the CCA for recovery in subsequent years.

2.0 Applicability

This CCA shall apply to all of the Company's delivery service Rate Schedules, subject to the jurisdiction of the Department, as determined in accordance with the provisions of this clause. For billing purposes, the CCA Factors shall be included in the Distribution Charge.

3.0 Definitions

The following definitions shall apply throughout the provisions of this tariff:

- (1) "Actual Net Capital Expenditure" or "Actual Net CapEx" shall mean the utility plant additions, excluding solar and grid modernization assets recoverable through the Company's other cost recovery mechanisms, recorded by the Company for a given calendar year, but in no event shall exceed \$~~5,700,000~~11,000,000 annually, less the annual allowance of \$~~4,982,148~~6,312,121 in base distribution rates for depreciation expense.
- (2) "CCA" shall mean the Capital Cost Adjustment mechanism that provides for the recovery of the Cumulative Revenue Requirement.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

- (3) "CCA Allocator" shall be derived based on net plant from the Company's most recent base rate case as approved by the Department and shall be as follows by rate class:

Rate RD-1/RD-2	<u>56.41%</u>
Rate GD-1	<u>2.20%</u>
Rate GD-2/GD-4/GD-5	<u>26.38%</u>
Rate GD-3	<u>13.81%</u>
Rate SD Outdoor Lighting	0.97%
Rate SDC Outdoor Lighting	0.23%

- (4) "Company" shall mean Fitchburg Gas and Electric Light Company.
- (5) "Cumulative Net CapEx" shall mean the accumulation of Actual Net Capital Expenditures recorded since December 31, 201~~8~~4 through the end of the Current Year.
- (6) "Cumulative Rate Base" shall mean the Cumulative Net CapEx adjusted for accumulated depreciation, cost of removal, accumulated deferred taxes, and cumulative deferred tax reversals on December 31, 201~~8~~4 plant in service since December 31, 201~~8~~4.
- (7) "Cumulative Revenue Requirement" shall mean the return on average Cumulative Rate Base, at a rate equal to the pre-tax weighted average cost of capital, as determined in Docket No. D.P.U. ~~195-13080~~, or as revised by a subsequent Department order, plus the annual depreciation on cumulative utility plant additions less retirements, plus property tax on Cumulative Net Capex.
- (8) "Current Year" is the calendar year two years preceding January 1 of the recovery year during which the proposed CCA will be in effect.
- ~~(9)~~ "Department" shall mean the Massachusetts Department of Public Utilities.
- ~~(9)~~(10) "Property Tax Rate" is the Company's composite property tax rate of 2.12% as determined in the Company's most recent base distribution rate case calculated as the ratio of total annual property taxes paid to total net plant in service in the test year.

4.0 Effective Date

The CCA Factors shall be effective on January 1st of each year, unless otherwise ordered by the Department.

Issued by: ~~Mark H. Collins~~Laurence M. Brock
Sr. Vice President

Issued: ~~November 1, 2018~~May 1, 2020
Effective: ~~January~~November 1, ~~2019~~2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

5.0 Capital Cost Adjustment Factor (“CCAF”) Formula

$$CCAF_{xs} = (CRR + RA) * CCAAs / FkWh_{xs}$$

Where:

CCAF_{xs} = The annual Capital Cost Adjustment Factor for year x and class s.

CRR = The Cumulative Revenue Requirement approved by the Department.

RA = The Reconciliation Adjustment shall contain the accumulated difference between the CCA, and actual revenues received by the Company through application of the CCAF to customer bills, plus interest. Interest shall be calculated on the average monthly balance using the customer deposit rate.

CCAAs = CCA Allocator, as defined in Section 3.0.

FkWh_{xs} = The Forecasted kWhs is the forecasted amount of electricity for year x and class s to be distributed to the Company’s distribution customers for the upcoming annual CCAF billing period.

s = The Rate Class Group is the combination of similar rate classes, as follows:
the Residential group is the combination of RD-1 and RD-2;
the Small General Service group is GD-1;
the Regular General Service group is the combination of GD-2, GD-4 and GD-5;
the Large General Service group is the combination of GD-3;
the Company Owned Streetlights is the Outdoor Lighting class SD; and
the Customer Owned Streetlights is the Outdoor Lighting class SDC.

6.0 Information to be Filed with the Department

Issued by: ~~Mark H. Collins~~ Laurence M. Brock
Sr. Vice President

Issued: ~~November 1, 2018~~ May 1, 2020
Effective: ~~January~~ November 1, 2019 2020

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
CAPITAL COST ADJUSTMENT
SCHEDULE CCA (continued)

On or before July 1 of each year, the Company shall submit to the Department a report of its capital investment for the Current Year. This report shall contain sufficient information to allow the Department to review the Company's actual capital expenditures for the purposes of determining the Company's Cumulative Revenue Requirement and subsequent CCA Factors. On or before November 2 of each year, the Company shall submit to the Department its proposed CCA Factors for the recovery year.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE
SCHEDULE RAAC

1.01 Purpose

The purpose of the Residential Assistance Adjustment Clause (“RAAC”) is to provide Fitchburg Gas and Electric Light Company (the “Company”) a mechanism for the recovery, on an annual basis and subject to the jurisdiction of the Department of Public Utilities (the “Department”), of the following:

1) the total revenue discount given to residential assistance customers enrolled in the Company’s discounted rate (Rate RD-2).

The level of discount and associated reduced or discounted revenue is set at a fixed percentage off the total RD-1 bill. The total bill discount percentage is as follows:

Low Income Residential Rate RD-2: ~~25.0~~34.5%; and

2) incremental costs directly related to the Company’s approved Arrearage Management Program, in accordance with the Department’s D.P.U. 15-80 order.

3) in addition to revenue collected through the Residential Assistance Adjustment Factor (“RAAF”), the total revenue recorded under this clause shall include, for hardship protected accounts, any payments made by Customers towards the amortized balance.

1.02 Applicability

The RAAC shall be applicable to all Customers unless otherwise designated. For billing purposes, the RAAC shall be included in the Distribution Charge.

1.03 Effective Date of Annual Residential Assistance Adjustment Factor

The RAAF shall be effective on the first day of each calendar year, unless otherwise ordered by the Department.

1.04 Definitions

(1) The following terms shall be used in this tariff as defined in this section, unless the context requires otherwise. “Distribution Company” or “Company” is Fitchburg Gas and Electric Light Company.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE

SCHEDULE RAAC (continued)

(2) "Prior Year" is the twelve-month period immediately prior to the effective date of a proposed RAAF.

1.05 Residential Assistance Adjustment Factor Formula

$$RAAF_{xs} = [(RA_x) + (Cust_x(DCust\$_x) + Use_x(DUse\$_x)) + AMP + I_x] * DRA_s / FUSe_{xs}$$

$RAAF_{xs}$ = The annual Residential Assistance Adjustment Factor for year x and class s.

RA_x = The Reconciliation Adjustment for Year_x shall be the amount of over/under collection from the end of the Prior Year. Reconciliations shall be performed monthly and shall be based on the actual revenue discount for customers participating in the Company's discounted rate as recorded in the Company's billing data base. The Reconciliation Adjustment for Year_x shall also include actual costs incurred as a result of the Company's Arrearage Management Program. Interest shall be calculated on the average monthly balance using the prime rate after tax (i.e. prime rate * (1 - tax rate)). The tax rate shall be the combined federal and state income tax rate. The prime rate is to be fixed on a quarterly basis and established as reported in THE WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter; if more than one rate is reported, the average of the reported rates shall be used. Interest shall be added to each end-of-month balance.

$Cust_x$ = The estimated number of customers participating in the Company's discounted rate (Rate RD-2).

Use_x = The estimated kWh usage of customers participating in the Company's discounted rate (Rate RD-2).

$DCust\$_x$ = The difference between the non-discounted and discounted customer charge for the applicable rates calculated using the ~~25.034.5%~~ discount.

$DUse\$$ = The difference between the total non-discounted and discounted kWh charges for the applicable rates, including all delivery volumetric charges, default service volumetric charges, and all other volumetric charges calculated using the ~~25.034.5%~~ discount.

AMP = The incremental costs directly related to the Company's approved Arrearage Management Program.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

RESIDENTIAL ASSISTANCE ADJUSTMENT CLAUSE

SCHEDULE RAAC (continued)

- I_x = The estimated interest in the forecast period.
 $FUse_{xs}$ = The estimated kWh in the forecast period for year x and class s.
 DRA_s = The Distribution Revenue Allocator is derived from the Company's most recent base rate case, unless otherwise adjusted and approved by the Department. The current allocators are as follows:

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
RD-1/RD-2	\$15,382,752	58.33%
GD-1/GD-2/GD-4/GD-5	\$6,607,255	25.06%
GD-3/Special Contracts	\$4,209,850	15.96%
Streetlights	\$170,448	0.65%

- s = The Rate Class Group is the combination of similar rate classes, as follows:
 the Residential group is the combination of RD-1 and RD-2;
 the General Service group is the combination of GD-1, GD-2, GD-4 and GD-5;
 the Large General Service group is the combination of G-3 and Special Contracts; and
 Streetlights is the Outdoor Lighting class.

1.06 Information Required to be Filed with the Department

Information pertaining to the RAAC shall be submitted with the annual reconciliation filing, including complete documentation of the reconciliation-adjustment calculations.

1.07 Customer Notification

The Company shall notify customers in simple terms of changes to the RAAF, including the nature of the change and the manner in which the RAAF is applied to the bill. In the absence of a standard format, the Company shall submit this notice for approval at the time of each RAAF filing. Upon approval by the Department, the Company shall immediately distribute these notices to all of its distribution customers either through direct mail or with its bills, or as a bill message.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

STORM RESERVE ADJUSTMENT CLAUSE

SCHEDULE SRAC

Section

1.0 Purpose

2.0 Applicability

3.0 Effective Date

4.0 SRAF

5.0 Annual SRAF Filings with the Department

6.0 Regulatory Authority

1.0 Purpose

The purpose of the Storm Reserve Adjustment Clause (“SRAC”) is to provide a means for the Company to adjust its Storm Reserve Fund (“Storm Fund”) for storm costs incurred on and after November 1, 2020 that are in excess of the amount of storm reserve funding amortized in base distribution rates as approved in D.P.U. 19-130.

2.0 Applicability

The Storm Reserve Adjustment Factor (“SRAF”) shall be a per kilowatt-hour (“kWh”) factor applicable to all electricity, measured in kWhs, delivered by the Company to its customers under its Distribution Service tariffs. For billing purposes, the SRAF, as provided for herein, shall be included in the Distribution Charge.

3.0 Effective Date

The date on which the annual SRAF becomes effective shall be the first day of January of each calendar year, unless otherwise ordered by the Department. The Company shall submit filings under this tariff as outlined in Section 5.0.

4.0 SRAF

The SRAF shall recover or refund the storm costs in excess of the allowable balance of the Company’s Storm Reserve Fund as approved in D.P.U. 19-130 (“Recoverable Balance”). The Recoverable Balance calculated herein shall be allocated to all rate classes by applying the Distribution Revenue Allocators as shown below.

FITCHBURG GAS AND ELECTRIC LIGHT COMPANY
STORM RESERVE ADJUSTMENT CLAUSE
SCHEDULE SRAC (continued)

<u>Rate Class</u>	<u>Distribution Revenues</u>	<u>Allocation</u>
<u>RD-1/RD-2</u>	<u>\$15,738,459</u>	<u>58.60%</u>
<u>GD-1/GD-2/GD-4/GD-5</u>	<u>\$6,710,494</u>	<u>24.99%</u>
<u>GD-3/Special Contracts</u>	<u>\$4,277,354</u>	<u>15.93%</u>
<u>Streetlights</u>	<u>\$129,125</u>	<u>0.48%</u>

All revenue billed through the SRAFs shall be credited against the Recoverable Balance. The Recoverable Balance shall accrue interest at the prime rate during the recovery period. The provisions of this tariff will remain in effect until terminated or revised as proposed by the Company and approved by the Department from time to time.

5.0 Annual SRAF Filings with the Department

The Company shall make a SRAF filing as part of the Company's annual electric reconciliation filing at least forty-five (45) days before January 1st of the next year. Such filing shall include reconciliation of data for prior periods as appropriate.

6.0 Regulatory Authority

This tariff is governed by the provisions of G.L. c. 164, §§ 76 and 94; 220 C.M.R. 5.00 et seq. orders of the MDPU in furtherance thereof or related thereto.