CALCULATION OF THE DEFAULT SERVICE CHARGE

Non-G1 Class Default Service:

		Dec-17	<u>Jan-18</u>	Feb-18	Mar-18	Apr-18	May-18	<u>Total</u>
	Power Supply Charge			As Shown on	Schedule LSM	-2. Page 1 of 2		
1	Residential Class Reconciliation	\$7,818	\$8,849	\$8,231	\$7,529	\$6,915	\$5,984	\$45,326
2	Total Costs	\$3,305,422	\$4,786,084	\$4,523,768	\$3,150,456	\$2,493,286	\$2,090,458	\$20,349,474
3	Reconciliation plus Total Costs (L.1 + L.2)	\$3,313,240	\$4,794,933	\$4,531,999	\$3,157,986	\$2,500,201	\$2,096,442	\$20,394,801
4	kWh Purchases	38,942,387	44,077,885	40,996,863	37,504,254	34,442,431	29,806,398	225,770,218
5	Total, Before Losses (L.3 / L.4)	\$0.08508	\$0.10878	\$0.11055	\$0.08420	\$0.07259	\$0.07034	\$0.09033
6	Losses	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
	Total Retail Rate - Residential Variable Power Supply Charge (L.5 * (1+L.6)) Total Retail Rate - Residential Fixed Power Supply Charge (L.5 * (1+L.6))	\$0.09053	\$0.11575	\$0.11762	\$0.08959	\$0.07724	\$0.07484	\$0.09612
9	G2 and OL Class Reconciliation	\$2,878	\$3,124	\$2,989	\$2,885	\$2,892	\$2,745	\$17,513
10	Total Costs	\$1,266,339	\$1,883,080	\$1,341,068	\$1,305,649	\$805,271	\$728,384	\$7,329,791
11	Reconciliation plus Total Costs (L.9 + L.10)	\$1,269,217	\$1,886,205	\$1,344,057	\$1,308,534	\$808,163	\$731,130	\$7,347,304
12	kWh Purchases	14,336,491	15,564,907	14,891,774	14,375,804	14,408,148	13,677,416	87,254,540
13	Total, Before Losses (L.11 / L.12)	\$0.08853	\$0.12118	\$0.09025	\$0.09102	\$0.05609	\$0.05346	\$0.08421
14	Losses	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
	Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * $(1+L.14)$) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * $(1+L.14)$)	\$0.09420	\$0.12894	\$0.09603	\$0.09685	\$0.05968	\$0.05688	\$0.08959

Renewable Portfolio Standard (RPS) Charge							
			As Shown on	Schedule LSM	-3, Page 1 of 2		
17 Reconciliation	(\$94,088)	(\$105,326)	(\$98,697)	(\$91,618)	(\$86,268)	(\$76,790)	(\$552,786)
18 Total Costs	\$296,835	\$343,888	\$322,243	\$299,133	\$281,669	\$250,728	\$1,794,496
19 Reconciliation plus Total Costs (L.17 + L.18)	\$202,747	\$238,562	\$223,547	\$207,515	\$195,401	\$173,938	\$1,241,710
20 kWh Purchases	53,278,878	59,642,792	55,888,638	51,880,059	48,850,578	43,483,815	313,024,759
21 Total, Before Losses (L.19 / L.20)	\$0.00381	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00397
22 Losses	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
23 Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) 24 Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22))	\$0.00405	\$0.00426	\$0.00426	\$0.00426	\$0.00426	\$0.00426	\$0.00422

	TOTAL DEFAULT SERVICE CHARGE							
25	Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23) Total Retail Rate - Residential Fixed Default Service	\$0.09458	\$0.12001	\$0.12188	\$0.09385	\$0.08150	\$0.07910	
26	Charge (L.8+L.24)							\$0.10034
27		\$0.09825	\$0.13320	\$0.10029	\$0.10111	\$0.06394	\$0.06114	
28	Total Retail Rate - G2 and OL Fixed Default Service Charge (L.16+L.24)							\$0.09381

Authorized by NHPUC Order No.

in Case No. DE 17-038, dated

Issued: September 29, 2017 Effective: December 1, 2017

CALCULATION OF THE DEFAULT SERVICE CHARGE

Non-G1 Class Default Service:

		Jun-17	<u>Jul-17</u>	Aug-17	Sep-17	Oct-17	Nov-17	<u>Total</u>
	Power Supply Charge							
+	Residential Class Reconciliation	\$6,198	\$8,404	\$8,810	\$7,116	\$6,485	\$6,728	\$43,741
2	Total Costs	\$2,085,177	\$2,822,129	\$ 3,029,323	\$2,478,282	\$2,232,844	\$2,414,771	\$15,062,527
3	Reconciliation plus Total Costs (L.1 + L.2)	\$2,091,375	\$ 2,830,532	\$3,038,133	\$2,485,398	\$2,239,329	\$2,421,500	\$15,106,267
4	kWh Purchases	30,258,204	41,029,619	<u>43,012,807</u>	34,741,288	31,662,309	32,849,001	213,553,229
5	Total, Before Losses (L.3 / L.4)	\$0.06912	\$0.06899	\$0.07063	\$0.07154	\$0.07073	\$0.07372	\$0.07074
6	Losses	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
	Total Retail Rate – Residential Variable Power Supply Charge (L.5 * (1+L.6)) Total Retail Rate – Residential Fixed Power Supply Charge (L.5 * (1+L.6))	\$ 0.0735 4	\$0.07340	\$0.07515	\$ 0.07612	\$ 0.07525	\$0.07843	\$0.07526
9	G2 and OL Class Reconciliation	\$2,904	\$3,430	\$3,557	\$3,061	\$2,897	\$2,798	\$18,648
10	Total Costs	\$901,935	\$1,155,649	\$1,177,344	\$999,567	\$ 930,952	\$973,570	\$6,139,015
11	${\bf Reconciliation~plus~Total~Costs~(L.9+L.10)}$	\$904,838	\$1,159,079	\$1,180,901	\$1,002,629	\$933,849	\$976,368	\$6,157,664
12	kWh Purchases	14,178,510	<u>16,747,872</u>	17,367,926	14,946,721	14,145,927	13,663,893	91,050,850
13	Total, Before Losses (L.11/L.12)	\$ 0.06382	\$0.06921	\$0.06799	\$0.06708	\$0.06602	\$0.07146	\$0.06763
14	Losses	6.40%	6.40%	6.40%	6.40%	6.40%	<u>6.40%</u>	<u>6.40%</u>
	$eq:continuous_continuous$	\$0.06790	\$0.07364	\$0.07234	\$0.07137	\$ 0.07024	\$0.07603	\$0.07196

	Renewable Portfolio Standard (RPS) Charge							
17	Reconciliation	(\$80,064)	(\$104,101)	(\$108,791)	(\$89,525)	(\$82,535)	(\$83,805)	(\$548,820)
18	Total Costs	\$230,227	\$299,339	<u>\$312,826</u>	<u>\$257,430</u>	\$237,331	\$240,979	<u>\$1,578,133</u>
19	Reconciliation plus Total Costs (L.17 + L.18)	\$150,163	\$195,239	\$204,035	\$167,905	\$154,796	\$157,175	\$1,029,313
20	kWh Purchases	44,436,714	57,777,491	60,380,734	49,688,009	45,808,236	46,512,894	304,604,079
21	Total, Before Losses (L.19 / L.20)	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338
22	Losses	6.40%	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	6.40%
23 24	Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22))	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360

	TOTAL DEFAULT SERVICE CHARGE							
25 26	Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23) Total Retail Rate - Residential Fixed Default Service Charge (L.8+L.24)	\$ 0.0771 4	\$0.07700	\$ 0.07875	\$0.07972	\$ 0.07885	\$ 0.08203	\$0.07886
27	Total Retail Rate - G2 and OL Variable Default Service	\$0.07150	\$0.0772 4	\$0.07594	\$0.07497	\$0.07384	\$0.07963	ψ0.07000
28	Total Retail Rate - G2 and OL Fixed Default Service Charge (L.16+L.24)	ψ0.07130	ψ 0.0772 4	ψυ.υτυστ	ψ0.07-427	ψ0.07504	ψ0.07703	\$0.07556

Authorized by NHPUC Order No. 26,004 in Case No. DE 17-038, dated April 10, 2017-

CALCULATION OF THE DEFAULT SERVICE CHARGE

	G1 Class Default Service:	<u>Dec-17</u>	<u>Jan-18</u>	<u>Feb-18</u>	<u> Mar-18</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Total</u>
	Power Supply Charge		A	s Shown on	Schedule LS	M-4, Page 1	of 2	
1	Reconciliation							\$107,283
2	Total Costs excl. wholesale supplier charge							<u>\$26,300</u>
3	Reconciliation plus Total Costs excl. wholesale supplier charge $(L.1 + L.2)$							\$133,583
4	kWh Purchases							16,276,613
5	Total, Before Losses (L.3 / L.4)							\$0.00821
6	Losses							4.591%
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00858	\$0.00858	\$0.00858	\$0.00858	\$0.00858	\$0.00858	\$0.00858
	Wholesale Supplier Charge	MARKET		MARKET		MARKET	MARKET	
	Losses Retail Rate - Wholesale Supplier Charge (L.8a *	4.591%	4.591%	4.591%	4.591%	4.591%	4.591%	
	(1+L.8b))	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	
9	Total Retail Rate - Power Supply Charge (L.7 + L. 8)	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	
								ı
10	Renewable Portfolio Standard (RPS) Charge	(010.507)		As Shown on		_		(\$60.757)
10	Reconciliation	(\$10,587)	(\$10,818)	(\$10,641)	(\$10,509)	(\$10,532)	(\$10,670)	(\$63,757)
11	Total Costs	<u>\$15,301</u>	<u>\$16,180</u>	<u>\$15,916</u>	<u>\$15,718</u>	<u>\$15,753</u>	<u>\$15,959</u>	<u>\$94,826</u>
12	Reconciliation plus Total Costs (L.10+ L.11)	\$4,714	\$5,362	\$5,275	\$5,209	\$5,221	\$5,289	\$31,069
13	kWh Purchases	2,702,868	2,761,660	2,716,568	2,682,767	2,688,739	2,724,011	16,276,613
14	Total, Before Losses (L.12 / L.13)	\$0.00174	\$0.00194	\$0.00194	\$0.00194	\$0.00194	\$0.00194	
15	Losses	4.591%	4.591%	4.591%	4.591%	4.591%	4.591%	
16	Total Retail Rate - RPS Charge (L.14 * (1+L.15))	\$0.00182	\$0.00203	\$0.00203	\$0.00203	\$0.00203	\$0.00203	
	TOTAL DEFAULT SERVICE CHARGE							

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Authorized by NHPUC Order No.

17 Total Retail Rate - Default Service Charge (L.9 +

L.16)

in Case No. DE 17-038, dated

Issued: September 29, 2017 Issued By: Mark H. Collin 00197 Sr. Vice President Effective: December 1, 2017

Thirty Third Revised Page 75
Superseding Thirty Second Page 75

CALCULATION OF THE DEFAULT SERVICE CHARGE

	G1 Class Default Service:	v 15	T 1 4 M		G 45	0.44	N 45	TD 4.1
		Jun-17	Jul-17	<u>Aug-17</u>	<u>Sep-17</u>	Oet-17	Nov-17	Total
	Power Supply Charge							
1	Reconciliation							\$117,921
2	Total Costs excl. wholesale supplier charge							\$24,974
3	Reconciliation plus Total Costs excl. wholesale supplier charge (L.1 + L.2)							\$142,895
4	kWh Purchases							18,853,229
5	Total, Before Losses (L.3 / L.4)							\$0.00758
6	Losses							<u>4.591%</u>
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00793	\$0.00793	\$0.00793	\$0.00793	\$0.00793	\$0.00793	\$0.00793
Sa Sb S	Wholesale Supplier Charge Losses Retail Rate - Wholesale Supplier Charge (L.8a *	MARKET 4.591%	MARKET 4.591%	MARKET 4.591%	MARKET 4.591%	MARKET 4.591%	MARKET 4.591%	
O	(1+L.8b))	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	
9	Total Retail Rate - Power Supply Charge (L.7 + L. 8)	MARKET	MARKET	MARKET	MARKET	MARKET	MARKET	
	Renewable Portfolio Standard (RPS) Charge							
10	Reconciliation	(\$12,039)	(\$11,925)	(\$12,555)	(\$12,483)	(\$10,757)	(\$10,314)	(\$70,073)
11	Total Costs	\$17,054	\$16,891	\$17,784	\$17,683	\$15,237	<u>\$14,610</u>	\$99,259
12	Reconciliation plus Total Costs (L.10+ L.11)	\$5,014	\$4,967	\$5,229	\$5,199	\$4,480	\$4,296	\$29,185
13	kWh Purchases	<u>3,239,206</u>	<u>3,208,317</u>	<u>3,377,950</u>	3,358,649	2,894,145	2,774,962	18,853,229
1 4	Total, Before Losses (L.12 / L.13)	\$0.00155	\$0.00155	\$0.00155	\$0.00155	\$0.00155	\$0.00155	
15	Losses	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
16	Total Retail Rate RPS Charge (L.14 * (1+L.15))	\$ 0.00162	\$0.00162	\$0.00162	\$0.00162	\$0.00162	\$0.00162	
	TOTAL DEFAULT SERVICE CHARGE							
17	Total Retail Rate Default Service Charge (L.9 +	MADKET	MADKET	MADKET	MADKET	MADKET	MADKET	

Authorized by NHPUC Order No. 26,004 in Case No. DE 17-038, dated April 10, 2017

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L.16)

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

Forty-SixthFifth Revised Page 6
SupersedingIssued in Lieu of Forty-FifthFourth Revised Page 6

SUMMARY OF LOW-INCOME ELECTRIC ASSISTANCE PROGRAM DISCOUNTS

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

				LI-EAP discount	LI-EAP discount	LI-EAP discount		LI-EAP discount		LI-EAP discount						
				Delivery Only;	Fixed Default Service	Fixed Default Service		Variable D	efault Service				Variable De	fault Service		
				Excludes Supply	Supply Only	Supply Only			ly Only	•	Supply Only					
	Percentage of															
	Federal Poverty															
<u>Tier</u>	Guidelines	Discount (5)	Blocks	Aug-Nov 2017 (1)	Aug-Nov 2017 (2)	Dec 2017-May 2018 (2)	Aug-17 (3)	Sep-17 (3)	Oct-17 (3)	Nov-17 (3)	Dec-17 (3)	Jan-18 (3)	Feb-18 (3)	Mar-18 (3)	Apr-18 (3)	May-18 (3)
1 (4)	N/A	N/A		Dec 2017-May 2018 (1)												
1 (4)	IN/A	IN/A														
2	151 - 200	8%	Customer Charge	(\$1.22)												
			First 750 kWh	(\$0.00541)	(\$0.00631)	(\$0.00803)	(\$0.00630)	(\$0.00638)	(\$0.00631)	(\$0.00656)	(\$0.00757)	(\$0.00960)	(\$0.00975)	(\$0.00751)	(\$0.00652)	(\$0.00633)
			Excess 750 kWh	\$0.00000	\$0.00000 \$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
3	126 - 150	22%	Customer Charge	(\$3.35)												
_~ 00199			First 750 kWh	(\$0.01487)	(\$0.01735)	(\$0.02207)	(\$0.01733)	(\$0.01754)	(\$0.01735)	(\$0.01805)	(\$0.02081)	(\$0.02640)	(\$0.02681)	(\$0.02065)	(\$0.01793)	(\$0.01740)
99			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
				700000	7000000	700000	+ + + + + + + + + + + + + + + + + + + +	+010000	4010000	+	4010000	+	4010000	4010000	+	4010000
4	101 - 125	36%	Customer Charge	(\$5.49)												
			First 750 kWh	(\$0.02433)	(\$0.02839)	(\$0.03612)	(\$0.02835)	(\$0.02870)	(\$0.02839)	(\$0.02953)	(\$0.03405)	(\$0.04320)	(\$0.04388)	(\$0.03379)	(\$0.02934)	(\$0.02848)
			Excess 750 kWh	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
5	76 - 100	52%	Customer Charge	(\$7.92)												
			71 . 770 1 111	(0.0054.0	(0.04404)	(00.05040)	(A.O. O. 4.O.O. #1)	(0.0.04445)	(0.0.1100)	(0.010-0)	(0.0.04040)	(00.04044)	(0.0.0.4000)	(00.04000)	(00.04000)	(0.04440)
			First 750 kWh Excess 750 kWh	(\$0.03514) \$0.00000	(\$0.04101) \$0.0000	(\$0.05218) \$0.00000	(\$0.04095) \$0.00000	(\$0.04145) \$0.00000	(\$0.04100) \$0.00000	(\$0.04266) \$0.00000	(\$0.04918) \$0.00000	(\$0.06241) \$0.00000	(\$0.06338) \$0.00000	(\$0.04880) \$0.00000	(\$0.04238) \$0.00000	(\$0.04113) \$0.00000
			Excess / 50 kWh	\$0.00000	\$U.UUUUU	\$0.00000	\$U.UUUUU	\$0.0000	\$0.0000	\$U.UUUUU	\$0.00000	φυ.υυυυυ	\$0.00000	\$U.UUUUU	φυ.υυυυυ	φυ.υυυυυ
6	0 - 75	76%	Customer Charge	(\$11.58)												
			First 750 kWh	(\$0.05136) \$0.00000	(\$0.05993) \$0.00000	(\$0.07626) \$0.00000	(\$0.05985) \$0.00000	(\$0.06059) \$0.00000	(\$0.05993) \$0.00000	(\$0.06234)	(\$0.07188) \$0.00000	(\$0.09121) \$0.00000	(\$0.09263) \$0.00000	(\$0.07133) \$0.00000	(\$0.06194) \$0.00000	(\$0.06012)
			Excess 750 kWh	\$0.00000	\$U.UUUUU	\$0.00000	\$U.UUUUU	00.00000	\$0.0000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000

⁽¹⁾ Discount calculated using total utility charges from Page 4 (excluding the Electricity Consumption Tax) multiplied by the appropriate discount. These figures exclude default service and are applicable to customers choosing a Competitive Supplier or self-supply. Customers taking default service from the Company would receive these discounts plus the appropriate discount applicable to default service supply.

Authorized by NHPUC Order No. 26,042 in Case No. DE 17-038 102, dated July 24, 2017

Issued: September 29July 25, 2017
Effective: December August 1, 2017

Sr. Vice President

Sr. Vice President

⁽²⁾ Discount calculated using Non-G1 class (Residential) Fixed Default Service Rate multiplied by the appropriate discount. These figures exclude delivery.

⁽³⁾ Discount calculated using Non-G1 class (Residential) Variable Default Service Rate, for the applicable month, multiplied by the appropriate discount. These figures exclude delivery.

⁽⁴⁾ Tier 1 was eliminated by Order No. 25,200 in DE 10-192 dated March 4, 2011.

⁽⁵⁾ Discounts effective July 1, 2016 in accordance with Order No. 25-901 in DE 14-078.

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		Dec-17 Estimated	Jan-18 <u>Estimated</u>	Feb-18 Estimated	Mar-18 Estimated	Apr-18 Estimated	May-18 Estimated	<u>Total</u>
1	Residential Class Reconciliation (1)	\$7,818	\$8,849	\$8,231	\$7,529	\$6,915	\$5,984	\$45,326
2	Total Costs (Page 2)	\$3,305,422	\$4,786,084	\$4,523,768	\$3,150,456	\$2,493,286	\$2,090,458	\$20,349,474
3	Reconciliation plus Total Costs (L.1 + L.2)	\$3,313,240	\$4,794,933	\$4,531,999	\$3,157,986	\$2,500,201	\$2,096,442	\$20,394,801
4	kWh Purchases	38,942,387	44,077,885	40,996,863	37,504,254	34,442,431	29,806,398	225,770,218
5	Total, Before Losses (L.3 / L.4)	\$0.08508	\$0.10878	\$0.11055	\$0.08420	\$0.07259	\$0.07034	\$0.09033
6	Losses	6.40%	<u>6.40%</u>	6.40%	<u>6.40%</u>	6.40%	<u>6.40%</u>	<u>6.40%</u>
7 8	Total Retail Rate - Residential Variable Power Supply Charge (L.5 * (1+L.6)) Total Retail Rate - Residential Fixed Power Supply Charge (L.5 * (1+L.6))	\$0.09053	\$0.11575	\$0.11762	\$0.08959	\$0.07724	\$0.07484	\$0.09612
	G2 and OL Class							
9	Reconciliation (1)	\$2,878	\$3,124	\$2,989	\$2,885	\$2,892	\$2,745	\$17,513
10	Total Costs (Page 2)	\$1,266,339	\$1,883,080	\$1,341,068	\$1,305,649	\$805,271	\$728,384	\$7,329,791
11	Reconciliation plus Total Costs (L.9 + L.10)	\$1,269,217	\$1,886,205	\$1,344,057	\$1,308,534	\$808,163	\$731,130	\$7,347,304
12	kWh Purchases	14,336,491	15,564,907	14,891,774	14,375,804	14,408,148	13,677,416	87,254,540
13	Total, Before Losses (L.11 / L.12)	\$0.08853	\$0.12118	\$0.09025	\$0.09102	\$0.05609	\$0.05346	\$0.08421
14	Losses	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
15 16	Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * (1+L.14))	\$0.09420	\$0.12894	\$0.09603	\$0.09685	\$0.05968	\$0.05688	\$0.08959

(1) As filed in DE 17-038 (April 2017). Power Supply Charge balance as of February 28, 2017, as adjusted, allocated between rate periods (June-November 2017 and December 2017-May 2018) and rate classes (Residential and G2/OL), and then to each month, December 2076 through May 2018, on equal per kWh basis.

Rate period: June-November 2017 Rate period: December 2017-May 2018

Total

Reconciliation

per period

\$62,389

\$62,840

\$125,229

		Dec 2017-May 2018
Dec 2017-May 2018		Reconciliation
kWh purchases	% by class	by class
225,770,218	72.13%	\$45,326
87,254,540	27.87%	\$17,513
313.024.759		\$62.840

Residential class
G2 and OL class
Total

					ation of Working ges and GIS Sup											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(p)
	Non-G1 Class (Residential) DS Supplier Charges (1)	Non-G1 Class (G2 and OL) DS Supplier Charges (1)	GIS Support Payments	Number of Days of Lag / 365 (2)	Working Capital Requirement ((a+b+c)*d)	Prime Rate	Supply Related Working Capital (e * f)	Provision for Uncollected Accounts	Internal Company Administrative Costs	Legal Charges	Consulting Outside Service Charges	Default Service Portion of the annual PUC Assessment	Non-G1 Class (Residential) DS Supplier Charges (col. a)	Supplier Charges	Costs (sum col. c	
Dec-17			\$457	7.27%		4.25%			\$2,790	\$0	\$0	\$792				\$4,571,761
Jan-18			\$518	7.27%		4.25%			\$2,790	\$0	\$0	\$792				\$6,669,165
Feb-18			\$580	7.27%		4.25%			\$2,790	\$0	\$0	\$792				\$5,864,836
Mar-18			\$543	7.27%		4.25%			\$2,790	\$0	\$0	\$792				\$4,456,105
Apr-18			\$504	7.27%		4.25%			\$2,790	\$0	\$0	\$792				\$3,298,557
May-18			\$475	7.27%		4.25%			\$2,790	\$0	<u>\$0</u>	\$792				\$2,818,842
Total			\$3,077			•			\$16,739	\$0	\$0	\$4,749				\$27,679,265

Total Costs Allocated to the Residential Class and the G2/OL Class

	Non-G1 Class	Allocation of Remaining	Total Non-G1 Class	Non-G1 Class (G2 and OL)	Allocation of Remaining	Total Non-G1
	(Residential)	Costs (col. o)	(Residential)	DS Supplier	Costs (col. o)	Class (G2 and
	DS Supplier	to Residential	Power Supply	Charges (col.	to G2 and OL	OL) Power
	Charges (col. a)	Class (3)	Charges	b)	Class (3)	Supply Charges
	(i)	(ii)	(iii) = (i) + (ii)	(iv)	(v)	(vi) = (iv) + (v)
Dec-17			\$3,305,422			\$1,266,339
Jan-18			\$4,786,084			\$1,883,080
Feb-18			\$4,523,768			\$1,341,068
Mar-18			\$3,150,456			\$1,305,649
Apr-18			\$2,493,286			\$805,271
May-18			\$2,090,458			\$728,384
Total			\$20,349,474			\$7,329,791

- (1) Estimates based on monthly average wholesale rate times estimated monthly purchases.
 (2) Number of days lag equals 26.55. Calculated using revenue lag of 61.15 days less cost lead of 34.60 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 22 of 23, DE 17-038 filed April 3, 2017.
 (3) Remaining Costs (column o) allocated between the Residential Class and the G2 and Outdoor Lighting Class based on estimated monthly kWh purchases, as shown below:

	Estimated kWh Purchases - Residential Class	Estimated kWh Purchases - G2 and OL Class	Total Non-G1 Class kWh Purchases	Residential Class kWh Purchases / Total Non-G1 Class kWh Purchases	G2 and OL Class kWh Purchases / Total Non-G1 Class kWh Purchases
Dec-17	38,942,387	14,336,491	53,278,878	73.1%	26.9%
Jan-18	44,077,885	15,564,907	59,642,792	73.9%	26.1%
Feb-18	40,996,863	14,891,774	55,888,638	73.4%	26.6%
Mar-18	37,504,254	14,375,804	51,880,059	72.3%	27.7%
Apr-18	34,442,431	14,408,148	48,850,578	70.5%	29.5%
May-18	29,806,398	13,677,416	43,483,815	68.5%	31.5%
Total	225,770,218	87,254,540	313,024,759		

Schedule LSM-3 Page 1 of 2

Unitil Energy Systems, Inc.
Calculation of Non-G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

		Dec-17 Estimated	Jan-18 Estimated	Feb-18 Estimated	Mar-18 Estimated	Apr-18 Estimated	May-18 Estimated	Total
1	Reconciliation (1)	(\$94,088)	(\$105,326)	(\$98,697)	(\$91,618)	(\$86,268)	(\$76,790)	(\$552,786)
2	Total Costs (Page 2)	<u>\$296,835</u>	<u>\$343,888</u>	<u>\$322,243</u>	<u>\$299,133</u>	<u>\$281,669</u>	<u>\$250,728</u>	<u>\$1,794,496</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$202,747	\$238,562	\$223,547	\$207,515	\$195,401	\$173,938	\$1,241,710
4	kWh Purchases	53,278,878	59,642,792	55,888,638	51,880,059	48,850,578	43,483,815	313,024,759
5	Total, Before Losses (L.3 / L.4)	\$0.00381	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00397
002 0 3	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	6.40%	<u>6.40%</u>	<u>6.40%</u>
7 8		\$0.00405	\$0.00426	\$0.00426	\$0.00426	\$0.00426	\$0.00426	\$0.00422

(1) As filed in DE 17-038 (April 2017). Renewable Portfolio Standard Charge balance as of February 28, 2017, as adjusted, allocated between rate periods (June-November 2017 and December 2017-May 2018) and then to each month on equal per kWh basis.

Reconciliation amount for June-November 2017
Reconciliation amount for December 2017-May 2018
Total

(\$548,820) (\$552,786) (\$1,101,607) Unitil Energy Systems, Inc. Itemized Costs for Non-G1 Class Default Service Renewable Portfolio Standard Charge Schedule LSM-3 Page 2 of 2

	(a)	(b)	(c) Working	(d)	(e)	(f)
		Number of	Capital			
	Renewable Energy Credits	Days of Lag /	Requirement		Supply Related Working	
-	(1)	365 (2)	(a*b)	Prime Rate	Capital (c * d)	Total Costs (sum a + e)
Dec-17	\$307,157	(79.07%)	(\$242,856)	4.25%	(\$10,321)	\$296,835
Jan-18	\$355,845	(79.07%)	(\$281,352)	4.25%	(\$11,957)	\$343,888
Feb-18	\$333,448	(79.07%)	(\$263,643)	4.25%	(\$11,205)	\$322,243
Mar-18	\$309,534	(79.07%)	(\$244,735)	4.25%	(\$10,401)	\$299,133
Apr-18	\$291,463	(79.07%)	(\$230,447)	4.25%	(\$9,794)	\$281,669
May-18	\$259,44 <u>6</u>	(79.07%)	(\$205,133)	4.25%	(\$8,718)	\$250,728
Total	\$ 1,856,89 3	,	(\$1,468,166)		(\$62,397)	\$1,794,49 ⁶

⁽¹⁾ Schedule LSG-4.

⁽²⁾ Number of days lag equals (288.59). Calculated using revenue lag of 61.15 days less cost lead of 349.74 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 22 of 23, DE 17-038 filed April 3, 2017.

		i Otai
		Dec 17-May 18
1	Reconciliation (1)	\$107,283
2	Total Costs excl. wholesale supplier charge (Page 2)	<u>\$26,300</u>
3	Reconciliation plus Total Costs excl. wholesale supplier charge (L.1 + L.2)	\$133,583
4	kWh Purchases	16,276,613
5	Total, Before Losses (L.3 / L.4)	\$0.00821
6	Losses	4.591%
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00858

(1) As filed in DE 17-038 (April 2017). Power Supply Charge balance as of February 28, 2017, as adjusted, allocated between rate periods (June-November 2017 and December 2017-May 2018) on equal per kWh basis.

Total

Reconciliation amount for June-November 2017	\$117,921
Reconciliation amount for December 2017-May 2018	<u>\$107,283</u>
Total	\$225,205

(2) The total G1 Power Supply Charge will equal the sum of Line 7 plus a wholesale supplier charge which shall be determined at the end of each month. The wholesale supply charges will be determined as the sum of the average ISO-New England real time hourly locational marginal prices for the New Hampshire load zone, weighted by the wholesale hourly kWh volumes of the Company's G1 Default Service customers, and charges for capacity, ancillary services, and other supplier costs established through a competitive bidding process.

					Calculation of	f Working Cap	oital						
				Suppl	ier Charges and	d GIS Suppor	t Payments						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
					Working				Internal			Default Service	
		Total G1 Class	GIS	Number of	Capital		Supply Related	Provision for	Company		Consulting	Portion of the	Total Costs
		DS Supplier	Support	Days of Lag	Requirement		Working Capital	Uncollected	Administrative	Legal	Outside Service	annual PUC	(sum a + b + f +
		Charges (1)	Payments	/ 365 (2)	(3)	Prime Rate	(d * e)	Accounts	Costs	Charges	Charges	Assessment	g + h + i + j + k
	Dec-17		\$26	0.35%	\$599	4.25%	\$25	\$0	\$4,290	\$0	\$0	\$42	\$4,383
	Jan-18		\$26	0.35%	\$814	4.25%	\$35	\$0	\$4,290	\$0	\$0	\$42	\$4,393
	Feb-18		\$27	0.35%	\$698	4.25%	\$30	\$0	\$4,290	\$0	\$0	\$42	\$4,388
_	Mar-18		\$26	0.35%	\$602	4.25%	\$26	\$0	\$4,290	\$0	\$0	\$42	\$4,384
00206	Apr-18		\$26	0.35%	\$441	4.25%	\$19	\$0	\$4,290	\$0	\$0	\$42	\$4,376
902	May-18		<u>\$26</u>	0.35%	\$427	4.25%	<u>\$18</u>	<u>\$0</u>	\$4,290	<u>\$0</u>	<u>\$0</u>	<u>\$42</u>	\$4,376
٠,	Total		\$157				\$152	\$0	\$25,739	\$0	\$0	\$251	\$26,300

⁽¹⁾ DS Supplier Charges to be determined at the end of each month.

⁽²⁾ Number of days lag equals 1.26. Calculated using revenue lag of 42.90 days less cost lead of 41.64 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 20 of 23, DE 17-038 filed April 3, 2017.

⁽³⁾ The working capital requirement equals the supplier charge plus GIS Support payment times the number of days lag divided by 365. As the G1 class supplier charge is not determined using a contract price, estimates of the G1 class power supply costs were calculated based on the forecasted G1 class kWh purchases and an estimated price per kWh. The estimated price per kWh was determined by comparing a historical relationship between G1 and Non-G1 class supplier pricing and then applying that relationship to the current average Non-G1 supplier price per kWh. Actual working capital will be determined using the actual supplier charges in each month.

Unitil Energy Systems, Inc. Calculation of G1 Class Default Service Renewable Portfolio Standard (RPS) Charge

		Dec-17 Estimated	Jan-18 <u>Estimated</u>	Feb-18 <u>Estimated</u>	Mar-18 <u>Estimated</u>	Apr-18 <u>Estimated</u>	May-18 <u>Estimated</u>	<u>Total</u>
1	Reconciliation (1)	(\$10,587)	(\$10,818)	(\$10,641)	(\$10,509)	(\$10,532)	(\$10,670)	(\$63,757)
2	Total Costs (Page 2)	<u>\$15,301</u>	<u>\$16,180</u>	<u>\$15,916</u>	<u>\$15,718</u>	<u>\$15,753</u>	<u>\$15,959</u>	<u>\$94,826</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$4,714	\$5,362	\$5,275	\$5,209	\$5,221	\$5,289	\$31,069
4	kWh Purchases	2,702,868	2,761,660	2,716,568	2,682,767	2,688,739	<u>2,724,011</u>	16,276,613
0.00207	Total, Before Losses (L.3 / L.4)	\$0.00174	\$0.00194	\$0.00194	\$0.00194	\$0.00194	\$0.00194	
6		<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
7	Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6))	\$0.00182	\$0.00203	\$0.00203	\$0.00203	\$0.00203	\$0.00203	

(1) As filed in DE 17-038 (April 2017). Renewable Portfolio Standard Charge balance as of February 28, 2017, as adjusted, allocated between rate periods (June-November 2017 and December 2017-May 2018) and then to each month on equal per kWh basis.

Reconciliation amount for June-November 2017
Reconciliation amount for December 2017-May 2018
Total (\$70,073)
(\$63,757)
(\$133,830)

			Calculati	on of Working	Capital	
	(a)	(b)	(c)	(d)	(e)	(f)
			Working			
		Number of	Capital			
	Renewable Energy Credits	Days of Lag /	Requirement		Supply Related Working	Total Costs (sum
	(1)	365 (2)	(a*b)	Prime Rate	Capital (c * d)	a + e)
Dec-17	\$15,859	(82.74%)	(\$13,122)	4.25%	(\$558)	\$15,301
Jan-18	\$16,769	(82.74%)	(\$13,875)	4.25%	(\$590)	\$16,180
Feb-18	\$16,496	(82.74%)	(\$13,649)	4.25%	(\$580)	\$15,916
Mar-18	\$16,290	(82.74%)	(\$13,479)	4.25%	(\$573)	\$15,718
Apr-18	\$16,327	(82.74%)	(\$13,509)	4.25%	(\$574)	\$15,753
May-18	<u>\$16,541</u>	(82.74%)	(\$13,686)	4.25%	<u>(\$582)</u>	<u>\$15,959</u>
Total	\$98,282				(\$3,456)	\$94,826

⁽¹⁾ Schedule LSG-4.

⁽²⁾ Number of days lag equals (302.01). Calculated using revenue lag of 42.90 days less cost lead of 344.91 days. Revenue lag per Schedule DN-1, Page 4 of 23 and cost lead per Schedule DN-1, Page 20 of 23, DE 17-038 filed April 3, 2017.

Unitil Energy Systems, Inc. Internal Administrative Costs associated with Default Service

		G1 Class	Non-G1 Class	Total	Notes:
Energy Contra	cts Department:				
1	Average Cost of Labor per Hour	\$47.48	\$47.48	\$47.48	1
2	Estimated Annual Hours Required to Accomplish Tasks	249.4	150.6	400.0	
3	Cost of Labor	\$11,842	\$7,150	\$18,992	
4	Overhead (Line 3 * Overhead rate)	\$14,447	\$8,724	\$23,170	2
5	Total Labor and Overhead Cost	\$26,288	\$15,874	\$42,162	_
		*==,==		* · · · · · · · ·	
Regulatory Ser	vices Department:	\$55.67	\$55.67	\$55.67	1
	Average Cost of Labor per Hour	\$55.67	\$55.67	\$55.67	'
2	Estimated Annual Hours Required to Accomplish Tasks	88.0	35.0	123.0	
3	Cost of Labor	\$4,899	\$1,948	\$6,847	
4 5	Overhead (Line 3 * Overhead rate) Total Labor and Overhead Cost	<u>\$5,977</u> <u>\$10,876</u>	<u>\$2,377</u> <u>\$4,326</u>	\$8,354 \$15,201	2
		φ.σ.σ.σ	<u> </u>	<u> </u>	
	ble Department:	\$25.64	\$25.64	# 05.64	4
1	Average Cost of Labor per Hour	\$25.64	\$25.64	\$25.64	1
2	Estimated Annual Hours Required to Accomplish Tasks	6.0	6.0	12.0	
3	Cost of Labor	\$154	\$154	\$308	_
4	Overhead (Line 3 * Overhead rate)	<u>\$188</u>	<u>\$188</u>	<u>\$375</u>	2
5	Total Labor and Overhead Cost	<u>\$342</u>	<u>\$342</u>	<u>\$683</u>	
General Accou	nting Department:				
1	Average Cost of Labor per Hour	\$46.47	\$46.47	\$46.47	1
2	Estimated Annual Hours Required to Accomplish Tasks	6.0	6.0	12.0	
3	Cost of Labor	\$279	\$279	\$558	
4	Overhead (Line 3 * Overhead rate)	\$340	\$340	\$680	2
5	Total Labor and Overhead Cost	<u>\$619</u>	<u>\$619</u>	\$1,238	_
Finance Depar	tment:				
1 marice Depar	Average Cost of Labor per Hour	\$49.02	\$49.02	\$49.02	1
2	Estimated Annual Hours Required to Accomplish Tasks	26.0	26.0	52.0	
3	Cost of Labor	\$1,275	\$1,275	\$2,549	
4	Overhead (Line 3 * Overhead rate)	\$1,555	\$1,555	\$3,110	2
5	Total Labor and Overhead Cost	\$2,829	\$2,829	\$5,659	
Communication	Department:				
1	ns Department: Average Cost of Labor per Hour	\$49.59	\$49.59	\$49.59	1
2	Estimated Annual Hours Required to Accomplish Tasks		*		'
	·	60.0	60.0 *0.075	120.0	
3	Cost of Labor	\$2,975	\$2,975	\$5,951	_
4 5	Overhead (Line 3 * Overhead rate) Total Labor and Overhead Cost	\$3,630 \$6,605	\$3,630 \$6,605	\$7,260 \$13,211	2
5	Total Labor and Overnead Cost	<u>\$6,605</u>	<u>\$6,605</u>	<u>\$13,211</u>	
	lopment Department:		•		
1	Average Cost of Labor per Hour	\$46.04	\$46.04	\$46.04	1
2	Estimated Annual Hours Required to Accomplish Tasks	8.0	0.0	<u>8.0</u>	
3	Cost of Labor	\$368	\$0	\$368	
4	Overhead (Line 3 * Overhead rate)	<u>\$449</u>	<u>\$0</u>	<u>\$449</u>	2
5	Total Labor and Overhead Cost	<u>\$818</u>	<u>\$0</u>	<u>\$818</u>	
Information Sys	stems Department:				
1	Average Cost of Labor per Hour	\$44.60	\$44.60	\$44.60	1
2	Estimated Annual Hours Required to Accomplish Tasks	3.6	1.4	5.0	
3	Cost of Labor	\$161	\$62	\$223	
4	Overhead (Line 3 * Overhead rate)	\$196	\$76	\$272	2
5	Total Labor and Overhead Cost	<u>\$356</u>	<u>\$139</u>	<u>\$495</u>	_
Customar Sam	ica Danartmant				
	ice Department:	¢05.70	¢05.70	¢05.70	4
1	Average Cost of Labor per Hour	\$25.76	\$25.76	\$25.76	1
2	Estimated Annual Hours Required to Accomplish Tasks	48.0	48.0	96.0	
3	Cost of Labor	\$1,236	\$1,236	\$2,473	_
4	Overhead (Line 3 * Overhead rate)	<u>\$1,509</u>	<u>\$1,509</u>	<u>\$3,017</u>	2
5	Total Labor and Overhead Cost	<u>\$2,745</u>	<u>\$2,745</u>	<u>\$5,490</u>	
	TOTAL ANNUAL COST	\$51,478	\$33,479	\$84,957	Ì

Notes:

- 1) See Schedule LSM-6, Page 2 of 2.
 2) Based on Unitil Service Corp. overhead rate of 122% (2016 average rate).

Unitil Service Corp. Average Cost of Labor per Hour by Department

<u>Department</u> (a)	Full Time Equivalent (1) (b)	Annualized Base Labor (c)	Open Positions (d)	Open Positions (2) (e)	Total Positions (b) + (d) = (f)	Total	Avg Hrly Labor Cost (3) (g) \div (f) \div 2080 = (h)
Energy Contracts	8.00	\$790,111	0.0	\$0	8.00	\$790,111	\$47.48
Regulatory / Legal	10.00	\$1,157,839	0.0	\$0	10.00	\$1,157,839	\$55.67
Accounts Payable	5.00	\$266,683	0.0	\$0	5.00	\$266,683	\$25.64
General Accounting	20.60 (4)	\$1,991,270	0.0	\$0	20.60	\$1,991,270	\$46.47
Finance	4.00	\$414,660	1.0	\$95,137	5.00	\$509,797	\$49.02
Communications	8.00	\$855,283	1.0	\$73,039	9.00	\$928,322	\$49.59
Customer Energy Solutions (formerly Business Services)	24.00	\$2,298,097	0.0	\$0	24.00	\$2,298,097	\$46.04
Information Technology	25.00	\$2,312,452	3.0	\$284,975	28.00	\$2,597,427	\$44.60
Customer Service	66.00	\$3,452,340	5.0	\$351,297	71.00	\$3,803,636	\$25.76

- (1) Annualized salaries of active employees as of September 1, 2017.
- (2) Salary range midpoint of open positions as of September 1, 2017.
- (3) Total Salaries ÷ Total Positions ÷ (40 hours/wk * 52 weeks/yr).
- (4) Includes two part-time employees.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Residential Rate D 650 kWh Bill

	9/1/2017	12/1/2017					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$23.93	\$23.93	\$0.00	0.0%
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000	\$17.14	\$17.14	\$0.00	0.0%
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000	(\$0.37)	(\$0.37)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.90	\$0.90	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$2.32	\$2.32	\$0.00	0.0%
Default Service Charge	\$0.07886	\$0.10034	\$0.02148	\$51.26	\$65.22	\$13.96	12.6%
Total kWh Charges	\$0.14644	\$0.16792	\$0.02148				
Total Bi	II			\$110.43	\$124.39	\$13.96	12.6%

	Regular Genera	I G2 Demand,	11 kW, 2,800 k	Wh Typical Bill	_		
	9/1/2017	12/1/2017					% Difference <u>to</u>
Rate Components	Current Rate	As Revised	Difference	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$27.43	\$27.43	\$0.00	\$27.43	\$27.43	\$0.00	0.0%
Distribution Charge	<u>All kW</u> \$10.35	All kW \$10.35	\$0.00	\$113.85	\$113.85	\$0.00	0.0%
Stranded Cost Charge Total kW Charges	(<u>\$0.11)</u> \$10.24	(\$0.11) \$10.24	<u>\$0.00</u> \$0.00	<u>(\$1.21)</u> \$112.64	<u>(\$1.21)</u> \$112.64	<u>\$0.00</u> \$0.00	<u>0.0%</u> 0.0%
	\$/kWh	<u>\$/kWh</u>					
Distribution Charge External Delivery Charge	\$0.00116 \$0.02637	\$0.00116 \$0.02637	\$0.00000 \$0.00000	\$3.25 \$73.84	\$3.25 \$73.84	\$0.00 \$0.00	0.0% 0.0%
Stranded Cost Charge	(\$0.00011)	(\$0.00011)	\$0.00000	(\$0.31)	(\$0.31)	\$0.00	0.0%
Storm Recovery Adj. System Benefits Charge	\$0.00139 \$0.00357	\$0.00139 \$0.00357	\$0.00000 \$0.00000	\$3.89 \$10.00	\$3.89 \$10.00	\$0.00 \$0.00	0.0% 0.0%
Default Service Charge Total kWh Charges	\$0.07556 \$0.10794	\$0.09381 \$0.12619	\$0.01825 \$0.01825	\$211.57 \$302.23	\$262.67 \$353.33	<u>\$51.10</u> \$51.10	<u>11.6%</u> 11.6%
Total Bil	•	ψ0.12019	ψυ.υ1025	\$442.30	\$493.40	\$51.10 \$51.10	11.6%

^{*} Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Regular Genera	I G2 Quick Reco	very Water He	ating and Spa	nce Heating 1,6	60 kWh Typical Bi	<u>IL</u>	
	9/1/2017	12/1/2017					% Difference to
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$9.14	\$9.14	\$0.00	\$9.14	\$9.14	\$0.00	0.0%
	\$/kWh	\$/kWh					
Distribution Charge	\$0.03265	\$0.03265	\$0.00000	\$54.20	\$54.20	\$0.00	0.0%
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000	\$43.77	\$43.77	\$0.00	0.0%
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000	(\$0.95)	(\$0.95)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$2.31	\$2.31	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$5.93	\$5.93	\$0.00	0.0%
Default Service Charge	\$0.07556	\$0.09381	\$0.01825	\$125.43	\$155.72	\$30.30	<u>12.6%</u>
Total kWh Charges	\$0.13897	\$0.15722	\$0.01825	\$230.69	\$260.99	\$30.30	12.6%
Total Bi	II			\$239.83	\$270.13	\$30.30	12.6%

	Regular Ge	neral G2 kWh	Meter 115 kW	h Typical Bill			
	9/1/2017	12/1/2017					% Difference to
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$17.27	\$17.27	\$0.00	\$17.27	\$17.27	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.01556	\$0.01556	\$0.00000	\$1.79	\$1.79	\$0.00	0.0%
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000	\$3.03	\$3.03	\$0.00	0.0%
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000	(\$0.07)	(\$0.07)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00139	\$0.00139	\$0.00000	\$0.16	\$0.16	\$0.00	0.0%
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000	\$0.41	\$0.41	\$0.00	0.0%
Default Service Charge	<u>\$0.07556</u>	<u>\$0.09381</u>	<u>\$0.01825</u>	<u>\$8.69</u>	<u>\$10.79</u>	<u>\$2.10</u>	<u>6.7%</u>
Total kWh Charges	\$0.12188	\$0.14013	\$0.01825	\$14.02	\$16.11	\$2.10	6.7%
Total Bill				\$31.29	\$33.38	\$2.10	6.7%

^{*} Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Typical Bill Impacts for Residential Rate Class based on Mean and Median Usage

Residential Rate D 612 kWh Bill - Mean Use*

	9/1/2017	12/1/2017					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill**	As Revised Bill**	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	\$/kWh	\$/kWh					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$22.53	\$22.53	\$0.00	0.0%
External Delivery Charge Stranded Cost Charge Storm Recovery Adj. System Benefits Charge Default Service Charge Total kWh Charges	\$0.02637 (\$0.00057) \$0.00139 \$0.00357 <u>\$0.07886</u> \$0.14644	\$0.02637 (\$0.00057) \$0.00139 \$0.00357 <u>\$0.10034</u> \$0.16792	\$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.02148 \$0.02148	\$16.14 (\$0.35) \$0.85 \$2.18 \$48.26	\$16.14 (\$0.35) \$0.85 \$2.18 \$61.41	\$0.00 \$0.00 \$0.00 \$0.00 \$13.15	0.0% 0.0% 0.0% 0.0% 12.5%
Total Bi	II			\$104.86	\$118.01	\$13.15	12.5%

Residential Rate D 504 kWh Bill - Median Use*

	9/1/2017	12/1/2017					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill**	As Revised Bill**	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$15.24	\$15.24	\$0.00	\$15.24	\$15.24	\$0.00	0.0%
	<u>\$/kWh</u>	\$/kWh					
Distribution Charge	\$0.03682	\$0.03682	\$0.00000	\$18.56	\$18.56	\$0.00	0.0%
External Delivery Charge Stranded Cost Charge Storm Recovery Adj. System Benefits Charge Default Service Charge Total kWh Charges	\$0.02637 (\$0.00057) \$0.00139 \$0.00357 <u>\$0.07886</u> \$0.14644	\$0.02637 (\$0.00057) \$0.00139 \$0.00357 <u>\$0.10034</u> \$0.16792	\$0.00000 \$0.00000 \$0.00000 \$0.00000 <u>\$0.02148</u> \$0.02148	\$13.29 (\$0.29) \$0.70 \$1.80 \$39.75	\$13.29 (\$0.29) \$0.70 \$1.80 \$50.57	\$0.00 \$0.00 \$0.00 \$0.00 \$10.83	0.0% 0.0% 0.0% 0.0% <u>10.3%</u>
Total Bill	, ,	\$6.13762	ψ0.02140	\$89.05	\$99.87	\$10.83	12.2%

^{*} Based on billing period March 2016 through February 2017.
** Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Average Class Bill Impacts Due to Proposed Default Service Rate Changes Effective December 1, 2017

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
	Annual Number	Annual	Annual	Proposed	Estimated Annual	Estimated Annual	Proposed	% Change
	of Customers (luminaires	kWh	kW / kVA	DSC	Revenue \$ Under	Revenue \$ Under	Net Change	DSC
Class of Service	for Outdoor Lighting)	<u>Sales</u>	<u>Sales</u>	Change \$	Present Rates	Proposed Rates	Revenue \$	<u>Revenue</u>
Residential	785,306	497,875,828	n/a	\$10,694,373	\$84,877,003	\$95,571,376	\$10,694,373	12.6%
General Service	131,872	354,161,409	1,348,556	\$6,463,446	\$55,699,771	\$62,163,217	\$6,463,446	11.6%
Qutdoor Lighting	110,850	8,241,454	n/a	\$150,407	\$2,715,599	\$2,866,006	\$150,407	5.5%
Total	1,028,028	860,278,690		\$17,308,225	\$143,292,374	\$160,600,599	\$17,308,225	12.1%

⁽B), (C), (D) Test year billing determinants in DE 16-384.

⁽E) Difference in proposed rate and current rate, times the billing determinants shown in Column (C).

⁽F) Based on current rates times billing determinants shown in Columns (B), (C) and (D).

⁽G) Sum of Columns (E) and (F)

⁽H) Column (G) minus Column (F)

⁽I) Column (H) divided by Column (F)

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2017 vs. December 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers

Average <u>kWh</u>	Total Bill Using Rates <u>9/1/2017</u>	Total Bill Using Rates <u>12/1/2017</u>	Total <u>Difference</u>	% Total <u>Difference</u>
125	\$33.55	\$36.23	\$2.69	8.0%
150	\$37.21	\$40.43	\$3.22	8.7%
200	\$44.53	\$48.82	\$4.30	9.6%
250	\$51.85	\$57.22	\$5.37	10.4%
300	\$59.17	\$65.62	\$6.44	10.9%
350	\$66.49	\$74.01	\$7.52	11.3%
400	\$73.82	\$82.41	\$8.59	11.6%
450	\$81.14	\$90.80	\$9.67	11.9%
500	\$88.46	\$99.20	\$10.74	12.1%
525	\$92.12	\$103.40	\$11.28	12.2%
550	\$95.78	\$107.60	\$11.81	12.3%
575	\$99.44	\$111.79	\$12.35	12.4%
600	\$103.10	\$115.99	\$12.89	12.5%
625	\$106.77	\$120.19	\$13.43	12.6%
650	\$110.43	\$124.39	\$13.96	12.6%
675	\$114.09	\$128.59	\$14.50	12.7%
700	\$117.75	\$132.78	\$15.04	12.8%
725	\$121.41	\$136.98	\$15.57	12.8%
750	\$125.07	\$141.18	\$16.11	12.9%
775	\$128.73	\$145.38	\$16.65	12.9%
825	\$136.05	\$153.77	\$17.72	13.0%
925	\$150.70	\$170.57	\$19.87	13.2%
1,000	\$161.68	\$183.16	\$21.48	13.3%
1,250	\$198.29	\$225.14	\$26.85	13.5%
1,500	\$234.90	\$267.12	\$32.22	13.7%
2,000	\$308.12	\$351.08	\$42.96	13.9%
3,500	\$527.78	\$602.96	\$75.18	14.2%
5,000	\$747.44	\$854.84	\$107.40	14.4%

	Rates - Effective September 1, 2017	Rates - Proposed December 1, 2017	Difference
Customer Charge	\$15.24	\$15.24	\$0.00
	kWh	kWh	kWh
Distribution Charge:	\$0.03682	\$0.03682	\$0.00000
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07886</u>	<u>\$0.10034</u>	\$0.02148
TOTAL	\$0.14644	\$0.16792	\$0.02148

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2017 vs. December 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on G2 Rate Customers

Load Factor	Average Monthly <u>kW</u>	Average Monthly <u>kWh</u>	Total Bill Using Rates <u>9/1/2017</u>	Total Bill Using Rates <u>12/1/2017</u>	Total <u>Difference</u>	% Total <u>Difference</u>
20%	5	730	\$157.43	\$170.75	\$13.32	8.5%
20%	10	1,460	\$287.42	\$314.07	\$26.65	9.3%
20%	15	2,190	\$417.42	\$457.39	\$39.97	9.6%
20%	25	3,650	\$677.41	\$744.02	\$66.61	9.8%
20%	50	7,300	\$1,327.39	\$1,460.62	\$133.23	10.0%
20%	75	10,950	\$1,977.37	\$2,177.21	\$199.84	10.1%
20%	100	14,600	\$2,627.35	\$2,893.80	\$266.45	10.1%
20%	150	21,900	\$3,927.32	\$4,326.99	\$399.68	10.2%
36%	5	1,314	\$220.46	\$244.44	\$23.98	10.9%
36%	10	2,628	\$413.50	\$461.46	\$47.96	11.6%
36%	15	3,942	\$606.53	\$678.47	\$71.94	11.9%
36%	25	6,570	\$992.60	\$1,112.50	\$119.90	12.1%
36%	50	13,140	\$1,957.76	\$2,197.57	\$239.81	12.2%
36%	75	19,710	\$2,922.93	\$3,282.63	\$359.71	12.3%
36%	100	26,280	\$3,888.09	\$4,367.70	\$479.61	12.3%
36%	150	39,420	\$5,818.42	\$6,537.84	\$719.41	12.4%
50%	5	1,825	\$275.62	\$308.93	\$33.31	12.1%
50%	10	3,650	\$523.81	\$590.42	\$66.61	12.7%
50%	15	5,475	\$772.00	\$871.92	\$99.92	12.9%
50%	25	9,125	\$1,268.38	\$1,434.91	\$166.53	13.1%
50%	50	18,250	\$2,509.34	\$2,842.40	\$333.06	13.3%
50%	75	27,375	\$3,750.29	\$4,249.88	\$499.59	13.3%
50%	100	36,500	\$4,991.24	\$5,657.37	\$666.12	13.3%
50%	150	54,750	\$7,473.15	\$8,472.33	\$999.19	13.4%

	Rates - Effective September 1,	Rates - Proposed December 1, 2017	Difference
Customer Charge	\$27.43	\$27.43	\$0.00
	All kW	All kW	All kW
Distribution Charge	\$10.35	\$10.35	\$0.00
Stranded Cost Charge	<u>(\$0.11)</u>	<u>(\$0.11)</u>	\$0.00
TOTAL	\$10.24	\$10.24	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge	\$0.00116	\$0.00116	\$0.00000
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000
Stranded Cost Charge	(\$0.00011)	(\$0.00011)	\$0.00000
Storm Recovery Adj. Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07556</u>	<u>\$0.09381</u>	\$0.01825
TOTAL	\$0.10794	\$0.12619	\$0.01825

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2017 vs. December 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on G2 kWh Meter Rate Customers

Average Monthly <u>kWh</u>	Total Bill Using Rates <u>9/1/2017</u>	Total Bill Using Rates <u>12/1/2017</u>	Total <u>Difference</u>	% Total <u>Difference</u>
15	\$19.10	\$19.37	\$0.27	1.4%
75	\$26.41	\$27.78	\$1.37	5.2%
150	\$35.55	\$38.29	\$2.74	7.7%
250	\$47.74	\$52.30	\$4.56	9.6%
350	\$59.93	\$66.32	\$6.39	10.7%
450	\$72.12	\$80.33	\$8.21	11.4%
550	\$84.30	\$94.34	\$10.04	11.9%
650	\$96.49	\$108.35	\$11.86	12.3%
750	\$108.68	\$122.37	\$13.69	12.6%
900	\$126.96	\$143.39	\$16.43	12.9%

	Rates - Effective September 1, 2017	Rates - Proposed December 1, 2017	Difference
kWh Meter Customer Charge	\$17.27	\$17.27	\$0.00
	All kWh	<u>All kWh</u>	All kWh
Distribution Charge	\$0.01556	\$0.01556	\$0.00000
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07556</u>	<u>\$0.09381</u>	\$0.01825
TOTAL	\$0.12188	\$0.14013	\$0.01825

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2017 vs. December 1, 2017 Impacts do NOT include the Electricity Consumption Tax Impact on G2 QRWH and SH Rate Customers

Average <u>kWh</u>	Total Bill Using Rates <u>9/1/2017</u>	Total Bill Using Rates <u>12/1/2017</u>	Total <u>Difference</u>	% Total <u>Difference</u>
100	\$23.04	\$24.86	\$1.83	7.9%
200	\$36.93	\$40.58	\$3.65	9.9%
300	\$50.83	\$56.31	\$5.48	10.8%
400	\$64.73	\$72.03	\$7.30	11.3%
500	\$78.63	\$87.75	\$9.13	11.6%
750	\$113.37	\$127.06	\$13.69	12.1%
1,000	\$148.11	\$166.36	\$18.25	12.3%
1,500	\$217.60	\$244.97	\$27.38	12.6%
2,000	\$287.08	\$323.58	\$36.50	12.7%
2,500	\$356.57	\$402.19	\$45.63	12.8%

	Rates - Effective September 1, 2017	Rates - Proposed December 1, 2017	Difference
Customer Charge	\$9.14	\$9.14	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	All kWh
Distribution Charge	\$0.03265	\$0.03265	\$0.00000
External Delivery Charge	\$0.02637	\$0.02637	\$0.00000
Stranded Cost Charge	(\$0.00057)	(\$0.00057)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00139	\$0.00139	\$0.00000
System Benefits Charge	\$0.00357	\$0.00357	\$0.00000
Default Service Charge	<u>\$0.07556</u>	<u>\$0.09381</u>	\$0.01825
TOTAL	\$0.13897	\$0.15722	\$0.01825

Unitil Energy Systems, Inc.

Typical Bill Impacts - September 1, 2017 vs. December 1, 2017

Impacts do NOT include the Electricity Consumption Tax

Impact on OL Rate Customers *

					Total Bill	Total Bill		%
	Nominal	Lumone	Type	Average Monthly kWh	Using Rates	Using Rates 12/1/2017	Total <u>Difference</u>	Total
	<u>Watts</u>	Lumens	<u>Type</u>	WOILTHY KWII	<u>9/1/2017</u>	12/1/2017	Difference	<u>Difference</u>
1	100	rcury Vapor: 3,500	ST	40	\$17.26	\$17.99	\$0.73	4.2%
2	175	7,000	ST	67	\$22.57	\$23.79	\$0.73 \$1.22	5.4%
3	250	11,000	ST	95	\$27.63	\$29.36	\$1.73	6.3%
4	400	20,000	ST	154	\$37.30	\$40.11	\$2.81	7.5%
5	1,000	60,000	ST	388	\$82.89	\$89.97	\$7.08	8.5%
6	250	11,000	FL	95	\$28.77	\$30.50	\$1.73	6.0%
7	400	20,000	FL	154	\$38.76	\$41.57	\$2.81	7.3%
8	1,000	60,000	FL	388	\$78.50	\$85.58	\$7.08	9.0%
9	100	3,500	PB	40	\$17.39	\$18.12	\$0.73	4.2%
10	175	7,000	PB	67	\$21.72	\$22.94	\$1.22	5.6%
10			1.5	0,	Ψ21.72	ΨΣΣ.Ο-	Ψ1.22	0.070
44		ressure Sodium:	0.7	0.4	045.40	045.04	# 0.00	0.50/
11	50	4,000	ST	21	\$15.46	\$15.84	\$0.38	2.5%
12	100	9,500	ST	43	\$19.47	\$20.26	\$0.78	4.0%
13	150	16,000	ST	60	\$21.37	\$22.46	\$1.10	5.1%
14	250	30,000	ST	101	\$29.54	\$31.38	\$1.84	6.2%
15	400	50,000	ST	161	\$40.85	\$43.79	\$2.94	7.2%
16	1,000	140,000	ST	398	\$83.45	\$90.71	\$7.26	8.7%
17	150	16,000	FL	60	\$23.64	\$24.73	\$1.10	4.6%
18	250	30,000	FL	101	\$31.13	\$32.97	\$1.84	5.9%
19	400	50,000	FL	161	\$40.32	\$43.26	\$2.94	7.3%
20	1,000	140,000	FL	398	\$83.81	\$91.07	\$7.26	8.7%
21	50	4,000	PB	21	\$14.47	\$14.85	\$0.38	2.6%
22	100	95,000	PB	43	\$18.33	\$19.12	\$0.78	4.3%
	М	etal Halide:						
23	175	8,800	ST	66	\$26.53	\$27.74	\$1.20	4.5%
24	250	13,500	ST	92	\$31.02	\$32.70	\$1.68	5.4%
25	400	23,500	ST	148	\$37.83	\$40.53	\$2.70	7.1%
26	175	8,800	FL	66	\$29.54	\$30.75	\$1.20	4.1%
27	250	13,500	FL	92	\$34.13	\$35.81	\$1.68	4.9%
28	400	23,500	FL	148	\$40.19	\$42.89	\$2.70	6.7%
29	175	8,800	PB	66	\$25.28	\$26.49	\$1.20	4.8%
30	250	13,500	PB	92	\$29.23	\$30.91	\$1.68	5.7%
31	400	23,500	PB	148	\$36.58	\$39.28	\$2.70	7.4%
O1		20,000		·=				/0
		<u>Lum</u>	ninaire Charge	s For Year Round	Service:			
Rates - Effective September 1	, 2017				<u>-</u>		D-1-77	
Rates - Effective September 1,	, 2017	<u>Lum</u> Mercury Vapor		s For Year Round Sodium Vapo	<u>-</u>	Metal Halide	Rate/Mo.	
			Rate/Mo.	Sodium Vapo	or Rate/Mo.		<u> </u>	
	, 2017 \$0.00		Rate/Mo. 1 \$12.96	Sodium Vapo	or Rate/Mo. \$13.20	23	\$19.44	
	\$0.00		Rate/Mo. 1 \$12.96 2 \$15.37	Sodium Vapo	pr Rate/Mo. \$13.20 \$14.85	23 24	\$19.44 \$21.13	
Customer Charge	\$0.00 <u>All kWh</u>		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42	<u>Sodium Vapo</u> 11 12 13	\$13.20 2 \$14.85 3 \$14.92	23 24 25	\$19.44 \$21.13 \$21.92	
Customer Charge Distribution Charge	\$0.00 <u>All kWh</u> \$0.00116		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75	Sodium Vapo 11 12 13 14	standard	23 24 25 26	\$19.44 \$21.13 \$21.92 \$22.45	
Customer Charge Distribution Charge External Delivery Charge	\$0.00 All kWh \$0.00116 \$0.02637		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19	Sodium Vapo 11 12 13 14 15	pr Rate/Mo. \$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55	23 24 25 26 27	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge	\$0.00 <u>All kWh</u> \$0.00116 \$0.02637 (\$0.00057)		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56	Sodium Vapo 11 12 13 14 15 16	pr Rate/Mo. \$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67	23 24 25 26 27 28	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	\$0.00 <u>All kWh</u> \$0.00116 \$0.02637 (\$0.00057) \$0.00139		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21	Sodium Vapo 11 12 13 14 15 16 17	\$13.20 \$14.85 \$ \$14.92 \$ \$18.68 \$ \$23.55 6 \$40.67 7 \$17.19	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357		Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80	Sodium Vapo 11 12 13 14 15 16 17 17	\$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 7 \$17.19 8 \$20.27	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	\$0.00 <u>All kWh</u> \$0.00116 \$0.02637 (\$0.00057) \$0.00139	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09	Sodium Vapo 11 12 13 14 15 16 17 18	\$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80	Sodium Vapo 11 12 13 14 15 16 17 18 19	\$13.20 \$14.85 \$14.92 \$14.85 \$14.92 \$18.68 \$5 \$23.55 \$6 \$40.67 \$17.19 \$20.27 \$20.27 \$23.02 \$41.03	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21	\$13.20 \$14.85 \$14.92 \$18.68 \$ \$23.55 \$ \$40.67 \$ \$17.19 \$ \$20.27 \$ \$23.02 \$ \$41.03 \$ \$12.21	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09	Sodium Vapo 11 12 13 14 15 16 17 18 19	\$13.20 \$14.85 \$14.92 \$18.68 \$ \$23.55 \$ \$40.67 \$ \$17.19 \$ \$20.27 \$ \$23.02 \$ \$41.03 \$ \$12.21	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21	\$13.20 \$14.85 \$14.92 \$ \$14.85 \$ \$14.92 \$ \$18.68 \$ \$23.55 \$ \$40.67 \$ \$71.19 \$ \$20.27 \$ \$23.02 \$ \$41.03 \$12.21 \$ \$13.71	23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo	\$13.20 \$14.85 \$14.92 \$14.86 \$14.92 \$4.51 \$6.523.55 \$40.67 \$7.517.19 \$20.27 \$23.02 \$41.03 \$12.21 \$13.71	23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96	Sodium Vapo 11 12 13 14 18 16 17 18 20 21 22 Sodium Vapo 11	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 0 \$41.03 \$12.21 2 \$13.71 PRATE/MO.	23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 9 \$20.27 9 \$23.02 0 \$41.03 \$12.21 2 \$13.71 Pr Rate/Mo.	23 24 25 26 27 28 29 30 31 Metal Halide 23 24	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14	\$13.20 \$13.20 \$14.85 \$14.92 \$4 \$18.68 5 \$23.55 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 \$41.03 \$12.21 2 \$13.71 Pr Rate/Mo.	23 24 25 26 27 28 29 30 31 Metal Halide 23 24	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 22 22 Sodium Vapo 11 12 13 14	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 3 \$20.27 9 \$23.02 0 \$41.03 \$12.21 2 \$13.71 POR Rate/Mo. 1 \$13.20 2 \$14.85 3 \$14.92 4 \$18.68	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 \$19.44 \$21.13 \$21.92 \$22.45	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.007556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19	Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21	\$13.20 \$14.85 \$14.92 \$4.\$18.68 \$5.\$23.55 \$6.\$40.67 \$7.71.19 \$3.\$20.27 \$9.\$23.02 \$0.\$41.03 \$12.21 \$2.\$13.71 \$13.20 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85 \$14.92 \$14.85	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057)	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56	Sodium Vapo 11 12 13 14 15 16 17 18 19 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 21 21 22 21 22 33 44 44 45 46 47 47 47 47 47 47 47 47 47 47	\$13.20 \$14.85 \$14.92 \$14.86 \$14.92 \$4.816.68 \$5.\$23.55 \$40.67 \$17.19 \$20.27 \$17.19 \$20.27 \$14.03 \$12.21 \$13.71 \$13.20 \$14.85 \$14.92 \$14.85 \$14.92 \$18.68	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 \$19.44 \$21.13 \$21.92 \$22.45 \$24.24	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21	Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 17 18 19 19 10 10 11 11 12 13 14 15 16 17 17 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 3 \$20.27 9 \$23.02 \$41.03 \$12.21 2 \$13.71 POR Rate/Mo. \$13.20 2 \$13.20 2 \$14.85 3 \$14.92 4 \$18.68 6 \$23.55 6 \$40.67 7 \$17.19	23 24 25 26 27 28 30 31 Metal Halide 23 24 25 26 27 28	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$41.28 \$18.19	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 17 18	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 \$12.21 2 \$13.71 57 Rate/Mo. \$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09	Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21	\$13.20 \$14.85 \$14.92 \$14.85 \$14.92 \$14.86 \$23.55 \$40.67 \$717.19 \$3 \$20.27 \$23.02 \$13.71 \$12.21 \$13.71 \$14.85 \$14.92 \$14.85 \$14.85 \$14.85 \$14.92 \$14.85 \$1	23 24 25 26 27 28 30 31 Metal Halide 23 24 25 26 27 28	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$41.28 \$18.19	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 20 21 22 21 22 21 22 21 22 22 22 22 22 22	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 3 \$20.27 9 \$23.02 \$41.03 \$12.21 2 \$13.71 PT Rate/Mo. \$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 9 \$23.02 9 \$14.92 9 \$14.92	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09	Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 \$41.03 \$12.21 2 \$13.71 57 Rate/Mo. \$13.20 \$14.85 8 \$14.92 \$4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 8 \$20.27 9 \$23.02 9	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 20 21 21 20 21 20 21 20 21 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 \$13.20 2 \$13.71 50 Rate/Mo. \$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 14.92 4 \$18.68 6 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 8 \$14.92 9 \$41.03 8 \$20.27 9 \$41.03 8 \$40.67 9	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium V	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 1 \$12.21 2 \$13.71 50 \$41.03 1 \$12.21 2 \$13.71 50 \$41.03 1 \$12.21 2 \$13.71 50 \$23.02 1 \$41.03 1 \$12.21 2 \$13.71 50 \$20.27 9 \$23.02 1 \$41.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 1 \$12.21 2 \$13.71	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357	Mercury Vapor	1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 0 \$41.03 \$12.21 2 \$13.71 PRATE/MO. \$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 14.05 15.00 16.00 17.10 1	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00057) \$0.00139 \$0.00357 \$0.00357 \$0.00357 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 20 21 22 Sodium Vapo 11 11 12 20 21 11 11 12 20 20 21 21 22 20 21 21 21 22 21 22 21 22 21 22 22 21 22 22	\$13.20 \$14.85 \$14.92 \$4 \$18.68 \$5 \$23.55 \$40.67 \$7 \$17.19 \$20.27 \$23.02 \$41.03 \$12.21 \$13.71 \$13.20 \$14.85 \$14.85 \$14.85 \$14.85 \$14.85 \$14.92 \$18.68 \$23.55 \$40.67 \$17.19 \$18.68 \$23.55 \$40.67 \$17.19 \$18.68 \$23.55 \$40.67 \$17.19 \$20.27 \$20.20 \$20.2	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$44.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge Country Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00357	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 22	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 1 \$12.21 2 \$13.71 POR Rate/Mo. \$13.20 2 \$14.85 8 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 1 \$41.03 1 \$12.21 2 \$13.71 POR Rate/Mo. 8 \$10.00 8 \$10.00 8 \$10.00 8 \$10.00 8 \$10.00 8 \$10.00 8 \$10.00 8 \$10.00	233 244 255 266 277 288 299 300 311 Metal Halide 23 30 31 Metal Hal 23 24 25 26 27 28 29 300 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 \$21.13 \$21.92 \$22.45 \$24.24 \$24.24 \$24.28 \$18.19 \$19.34	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Default Service Charge TOTAL Customer Charge Customer Charge Cost Charge Cos	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.007556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00357 \$0.00357	Mercury Vapor	1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 11 12 13 14 15 16 17 18 19 20 21 21 21 21 31 31 41 41 41 41 41 41 41 41 41 41 41 41 41	\$13.20 2 \$14.85 3 \$14.92 4 \$18.68 5 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 12 \$13.71 POF Rate/Mo. \$13.20 2 \$14.85 6 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$41.03 1 \$12.21 2 \$13.71 POF Rate/Mo. \$13.20 2 \$14.85 6 \$23.55 6 \$40.67 7 \$17.19 8 \$20.27 9 \$23.02 9 \$41.03 1 \$12.21 2 \$13.71 Vapor-Difference \$0.00 2 \$0.00 3 \$0.00 4 \$0.00	233 244 255 266 277 288 299 30 31 31 Metal Halide 23 24 25 26 27 28 29 30 31 24 25 26 26 27 28 29 30 31 24 25 26 26 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge System Benefits Charge Default Service Charge TOTAL Customer Charge Customer Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Customer Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.00139 \$0.00357 \$0.00139 \$0.00357 \$0.00139 \$0.00357 \$0.00139 \$0.00357 \$0.00000 \$0.00000 \$0.00000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21 21 21 21	\$13.20	233 244 255 266 277 288 299 301 311 Metal Halide 23 24 25 26 26 27 28 29 30 21 24 25 26 26 27 28 24 25 26 26 27 28 29 30 31 24 25 26 26 27 27 28 24 25 26 26 27 28 24 25 26 26 27	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Strander Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Default Service Charge TOTAL Customer Charge Charge Control Charge Control Charge Control Charge Control Charge Control Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge External Delivery Charge Control Charge External Delivery Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.09381 \$0.12573 Difference \$0.00 All kWh \$0.00000 \$0.000000 \$0.000000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 11 12 13 14 15 16 16 17 18 19 19 10 10 11 11 11 11 11 11 11 11 11 11 11	\$13.20	233 244 255 266 277 288 299 300 311 Metal Hali 23 24 25 26 27 28 29 24 25 26 27 28 29 27 28 29 27 28 29 27 28 29 27 28 29 27 28 29 27 28 2	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge TOTAL Customer Charge External Delivery Charge External Service Charge External Cost Charge TOTAL Customer Charge Default Service Charge TOTAL Customer Charge External Delivery Charge External Delivery Charge External Delivery Charge Stranded Cost Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 2 \$15.37 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Dr-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.00	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 22 Sodium Vapo 11 11 12 13 14 15 16 17 18 19 19 10 11 11 12 13 14 15 16 17 17 18 19 19 19 10 11 11 12 13 14 15 16 17 17 18 18 19 19 10 11 11 12 13 14 15 16 16 17 17 18 18 19 19 10 10 11 11 12 13 14 15 16 17 17 18 18 19 19 10 10 11 11 12 13 14 15 16 16 17	\$13.20	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Default Service Charge TOTAL Customer Charge Customer Charge Customer Charge Charge Cost Charge Customer Charge Customer Charge Distribution Charge External Delivery Charge TOTAL Customer Charge Customer Charge Customer Charge Customer Charge Customer Charge Stranded Cost Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00139 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00139 \$0.00357 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.000000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Dr-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.000 8 \$0.000	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 21 21 21 21 21 21 21 21 21	\$13.20	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge Default Service Charge TOTAL Customer Charge Customer Charge Customer Charge Charge Cost Charge Customer Charge Customer Charge Distribution Charge External Delivery Charge TOTAL Customer Charge Customer Charge Customer Charge Customer Charge Customer Charge Stranded Cost Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 19 10 10 11 11 12 13 14 15 16 17 18 19 19 19 19 10 10 10 10 11 11 12 13 14 15 16 17 18 18 19 19 10 10 11 11 12 13 14 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$13.20	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge TOTAL Rates - Proposed December 1 Customer Charge Distribution Charge External Delivery Charge Stranded Cost Charge Stranded Cost Charge TOTAL Customer Charge Default Service Charge TOTAL Customer Charge Default Service Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Storm Recovery Adj. Factor System Benefits Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge Default Service Charge Default Service Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Dr-Difference 1 \$0.00 2 \$0.00 3 \$0.00 4 \$0.00 5 \$0.00 6 \$0.00 7 \$0.000 8 \$0.000	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 21 21 21 31 41 15 16 17 18 19 20 21 21 21 21 22 21 22 21 22 21 22 21 22 21 22 22	\$13.20	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	
Customer Charge External Delivery Charge Stranded Cost Charge Storm Recovery Adj. Factor System Benefits Charge TOTAL Rates - Proposed December 1 Customer Charge External Delivery Charge Stranded Cost Charge External Delivery Charge Stranded Cost Charge Default Service Charge TOTAL Customer Charge External Delivery Charge Stranded Cost Charge TOTAL Customer Charge Distribution Charge External Delivery Charge Storm Recovery Adj. Factor System Benefits Charge External Delivery Charge Stranded Cost Charge	\$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00139 \$0.00357 \$0.07556 \$0.10748 , 2017 \$0.00 All kWh \$0.00116 \$0.02637 (\$0.00057) \$0.00357 \$0.00139 \$0.00357 \$0.00357 \$0.00357 \$0.00357 \$0.00139 \$0.00357 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.000000	Mercury Vapor	Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52 Rate/Mo. 1 \$12.96 2 \$15.37 3 \$17.42 4 \$20.75 5 \$41.19 6 \$18.56 7 \$22.21 8 \$36.80 9 \$13.09 10 \$14.52	Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 20 21 22 Sodium Vapo 11 12 13 14 15 16 17 18 19 19 10 10 11 11 12 13 14 15 16 17 18 19 19 19 19 10 10 10 10 11 11 12 13 14 15 16 17 18 18 19 19 10 10 11 11 12 13 14 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	\$13.20	23 24 25 26 27 28 29 30 31 Metal Halide 23 24 25 26 27 28 29 30 31	\$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67 Rate/Mo. \$19.44 \$21.13 \$21.92 \$22.45 \$24.24 \$24.28 \$18.19 \$19.34 \$20.67	

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Residential Rate D 650 kWh Bill

							%
Rate Components	Effective rates - December 1, 2016	Proposed rates - December 1, 2017	Difference	Current Bill*	As Revised Bill*	Difference	Difference to Total Bill
Customer Charge	\$10.27	\$15.24	\$4.97	\$10.27	\$15.24	\$4.97	4.8%
	\$/kWh	\$/kWh					
Distribution Charge							
First 250 kWh	\$0.03603	\$0.03682	\$0.00079	\$9.01	\$9.21	\$0.20	0.2%
Excess 250 kWh	\$0.04103	\$0.03682	(\$0.00421)	\$16.41	\$14.73	(\$1.68)	(1.6%)
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$13.94	\$17.14	\$3.20	3.1%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.12)	(\$0.37)	(\$0.25)	(0.2%)
Storm Recovery Adj.	\$0.00221	\$0.00139	(\$0.00082)	\$1.44	\$0.90	(\$0.53)	(0.5%)
System Benefits Charge	\$0.00330	\$0.00357	\$0.00027	\$2.15	\$2.32	\$0.18	0.2%
Default Service Charge	\$0.07690	\$0.10034	\$0.02344	\$49.99	\$65.22	\$15.24	<u>14.8%</u>
First 250 kWh	\$0.13970	\$0.16792	\$0.02822		<u></u>		
Excess 250 kWh	\$0.14470	\$0.16792	\$0.02322				
Total Bill				\$103.08	\$124.39	\$21.31	20.7%

Regular General G2 Demand, 11 kW, 2,800 kWh Typical Bill							
							%
Rate Components	Effective rates - December 1, 2016	Proposed rates - December 1, 2017	Difference	Current Bill*	As Revised Bill*	Difference	Difference to Total Bill
Customer Charge	\$18.41	\$27.43	\$9.02	\$18.41	\$27.43	\$9.02	2.2%
	All kW	All kW					
Distribution Charge	\$10.31	\$10.35	\$0.04	\$113.41	\$113.85	\$0.44	0.1%
Stranded Cost Charge	(\$0.04)	(\$0.11)	(\$0.07)	(\$0.44)	(\$1.21)	(\$0.77)	(0.2%)
Total	\$10.27	\$10.24	(\$0.03)	\$112.97	\$112.64	(\$0.33)	(0.1%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00199	\$0.00116	(\$0.00083)	\$5.57	\$3.25	(\$2.32)	(0.6%)
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$60.03	\$73.84	\$13.80	3.3%
Stranded Cost Charge	(\$0.00004)	(\$0.00011)	(\$0.00007)	(\$0.11)	(\$0.31)	(\$0.20)	(0.0%)
Storm Recovery Adj.	\$0.00221	\$0.00139	(\$0.00082)	\$6.19	\$3.89	(\$2.30)	(0.6%)
System Benefits Charge	\$0.00330	\$0.00357	\$0.00027	\$9.24	\$10.00	\$0.76	0.2%
Default Service Charge	\$0.07324	\$0.09381	\$0.02057	\$205.07	<u>\$262.67</u>	\$57.60	<u>13.8%</u>
Total	\$0.10214	\$0.12619	\$0.02405	\$285.99	\$353.33	\$67.34	16.1%
Total Bi	I			\$417.37	\$493.40	\$76.03	18.2%

^{*} Impacts do not include the Electricity Consumption Tax.

Unitil Energy Systems, Inc. Typical Bill Impacts by Rate Component

Regular G	Regular General G2 Quick Recovery Water Heating and Space Heating 1,660 kWh Typical Bill								
							%		
Rate Components	Effective rates - December 1, 2016	Proposed rates - December 1, 2017	Difference	Current Bill*	As Revised Bill*	Difference	Difference to Total Bill		
Customer Charge	\$6.25	\$9.14	\$2.89	\$6.25	\$9.14	\$2.89	1.3%		
	\$/kWh	<u>\$/kWh</u>							
Distribution Charge	\$0.03272	\$0.03265	(\$0.00007)	\$54.32	\$54.20	(\$0.12)	(0.1%)		
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$35.59	\$43.77	\$8.18	3.6%		
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.30)	(\$0.95)	(\$0.65)	(0.3%)		
Storm Recovery Adj.	\$0.00221	\$0.00139	(\$0.00082)	\$3.67	\$2.31	(\$1.36)	(0.6%)		
System Benefits Charge	\$0.00330	\$0.00357	\$0.00027	\$5.48	\$5.93	\$0.45	0.2%		
Default Service Charge	<u>\$0.07324</u>	<u>\$0.09381</u>	\$0.02057	<u>\$121.58</u>	<u>\$155.72</u>	\$34.15	<u>15.1%</u>		
Total	\$0.13273	\$0.15722	\$0.02449	\$220.33	\$260.99	\$40.65	17.9%		
Total Bil	II			\$226.58	\$270.13	\$43.54	19.2%		

Regular General G2 kWh Meter 115 kWh Typical Bill							
							%
Rate Components	Effective rates - December 1, 2016	Proposed rates - December 1, 2017	Difference	Current Bill*	As Revised Bill*	Difference	Difference to Total Bill
Customer Charge	\$13.94	\$17.27	\$3.33	\$13.94	\$17.27	\$3.33	11.3%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03410	\$0.01556	(\$0.01854)	\$3.92	\$1.79	(\$2.13)	(7.3%)
External Delivery Charge	\$0.02144	\$0.02637	\$0.00493	\$2.47	\$3.03	\$0.57	1.9%
Stranded Cost Charge	(\$0.00018)	(\$0.00057)	(\$0.00039)	(\$0.02)	(\$0.07)	(\$0.04)	(0.2%)
Storm Recovery Adj.	\$0.00221	\$0.00139	(\$0.00082)	\$0.25	\$0.16	(\$0.09)	(0.3%)
System Benefits Charge	\$0.00330	\$0.00357	\$0.00027	\$0.38	\$0.41	\$0.03	0.1%
Default Service Charge	\$0.07324	<u>\$0.09381</u>	\$0.02057	<u>\$8.42</u>	\$10.79	\$2.37	<u>8.1%</u>
Total	\$0.13411	\$0.14013	\$0.00602	\$15.42	\$16.11	\$0.69	2.4%
Total Bill				\$29.36	\$33.38	\$4.02	13.7%

^{*} Impacts do not include the Electricity Consumption Tax.

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