Non-G1 Class Default Service:

		<u>Dec-18</u>	<u>Jan-19</u>	Feb-19	<u>Mar-19</u>	Apr-19	<u>May-19</u>	<u>Total</u>
	Power Supply Charge			As sho	wn on Schedule	LSM-2		
	Residential Class							
1	Reconciliation	(\$31,890)	(\$37,903)	(\$33,564)	(\$29,800)	(\$27,344)	(\$24,822)	(\$185,323)
2	Total Costs	\$5,222,880	\$5,962,587	\$4,836,675	\$4,309,997	\$2,610,072	\$2,974,149	\$25,916,359
3	Reconciliation plus Total Costs (L.1 + L.2)	\$5,190,990	\$5,924,684	\$4,803,111	\$4,280,197	\$2,582,728	\$2,949,327	\$25,731,037
4	kWh Purchases	40,588,549	48,242,083	42,718,930	37,928,196	34,802,731	31,593,044	235,873,533
5	Total, Before Losses (L.3 / L.4)	\$0.12789	\$0.12281	\$0.11244	\$0.11285	\$0.07421	\$0.09335	\$0.10909
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))	\$0.13608	\$0.13067	\$0.11963	\$0.12007	\$0.07896	\$0.09933	\$0.11607
	G2 and OL Class							
9	Reconciliation	(\$12,812)	(\$14,509)	(\$13,402)	(\$12,601)	(\$12,541)	(\$12,092)	(\$77,957)
10	Total Costs	\$1,660,574	\$2,362,678	\$2,194,672	\$1,438,979	\$1,177,171	\$1,051,800	\$9,885,875
11	Reconciliation plus Total Costs (L.9 + L.10)	\$1,647,762	\$2,348,169	\$2,181,270	\$1,426,378	\$1,164,630	\$1,039,708	\$9,807,917
12	kWh Purchases	16,309,132	18,470,369	17,060,456	16,041,115	15,964,633	15,393,091	99,238,796
13	Total, Before Losses (L.11 / L.12)	\$0.10103	\$0.12713	\$0.12786	\$0.08892	\$0.07295	\$0.06754	\$0.09883
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))	\$0.10750	\$0.13527	\$0.13604	\$0.09461	\$0.07762	\$0.07187	\$0.10516

Renewable Portfolio Standard (RPS) Charge			As show	vn on Schedule	LSM-3		
17 Reconciliation	(\$139,400)	(\$163,446)	(\$146,460)	(\$132,225)	(\$124,380)	(\$115,116)	(\$821,028)
18 Total Costs	<u>\$164,629</u>	\$219,531	<u>\$196,717</u>	\$177,599	\$167,064	\$154,623	\$1,080,163
19 Reconciliation plus Total Costs (L.17 + L.18)	\$25,229	\$56,085	\$50,257	\$45,374	\$42,684	\$39,506	\$259,135
20 kWh Purchases	56,897,681	66,712,453	59,779,387	53,969,311	50,767,363	46,986,135	335,112,329
21 Total, Before Losses (L.19 / L.20)	\$0.00044	\$0.00084	\$0.00084	\$0.00084	\$0.00084	\$0.00084	\$0.00077
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))	\$0.00047	\$0.00089	\$0.00089	\$0.00089	\$0.00089	\$0.00089	\$0.00082

	TOTAL DEFAULT SERVICE CHARGE							
25	Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23) Total Retail Rate - Residential Fixed Default Service	\$0.13655	\$0.13156	\$0.12052	\$0.12096	\$0.07985	\$0.10022	
26	Charge (L.8+L.24)							\$0.11689
27	Total Retail Rate - G2 and OL Variable Default Service Charge (L.15 + L.23)	\$0.10797	\$0.13616	\$0.13693	\$0.09550	\$0.07851	\$0.07276	
28	Total Retail Rate - G2 and OL Fixed Default Service Charge (L.16+L.24)							\$0.10598

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in Case No. DE 18-035, dated

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Non-G1 Class Default Service:

Non-GT Crass Default Service:	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	<u>Total</u>
Power Supply Charge							
Residential Class Reconciliation	(\$27,118)	(\$34,706)	(\$35,325)	(\$29,033)	(\$26,244)	(\$27,777)	(\$180,203)
2 Total Costs	\$2,385,668	\$3,028,540	\$3,076,592	\$2,669,742	\$2,533,258	\$2,719,343	\$16,413,144
3 Reconciliation plus Total Costs (L.1 + L.2)	\$ 2,358,550	\$2,993,834	\$3,041,267	\$2,640,709	\$2,507,015	\$2,691,566	\$16,232,941
4 kWh Purchases	32,218,085	41,233,060	41,968,751	34,492,761	31,179,154	33,000,228	214,092,039
5 Total, Before Losses (L.3 / L.4)	\$0.07321	\$0.07261	\$0.07247	\$0.07656	\$0.08041	\$0.08156	\$0.07582
6 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
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))	\$0.07789	\$0.07725	\$0.07710	\$0.08146	\$0.08555	\$0.08678	\$0.08067
G2 and OL Class 9 Reconciliation	(\$12,445)	(\$14,062)	(\$14,063)	(\$12,906)	(\$11,808)	(\$11,651)	(\$76,936)
10 Total Costs	\$943,237	\$1,126,629	\$1,102,469	\$1,062,722	\$983,081	\$1,048,928	\$6,267,065
11 Reconciliation plus Total Costs (L.9 ± L.10)	\$930,792	\$1,112,567	\$1,088,406	\$1,049,815	\$971,272	\$1,037,277	\$6,190,130
12 kWh Purchases	14,784,855	16,705,826	16,707,435	15,332,861	14,028,284	13,841,066	91,400,327
13 Total, Before Losses (L.11 / L.12)	\$0.06296	\$0.06660	\$0.06514	\$0.06847	\$0.06924	\$0.07494	\$0.06773
14 Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>
Total Retail Rate - G2 and OL Variable Power Supply Charge (L.13 * 15 (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * 11)	\$0.06698	\$0.07086	\$0.06931	\$0.07285	\$0.07367	\$0.07974	.
16 (1+L.14))							\$0.07206

	Renewable Portfolio Standard (RPS) Charge							
17	Reconciliation	(\$123,377)	(\$152,082)	(\$154,017)	(\$130,786)	(\$118,664)	(\$122,952)	(\$801,878)
18	Total Costs	<u>\$199,003</u>	<u>\$245,299</u>	<u>\$248,420</u>	<u>\$210,952</u>	<u>\$191,400</u>	<u>\$198,316</u>	<u>\$1,293,390</u>
19	Reconciliation plus Total Costs (L.17 + L.18)	\$75,626	\$93,217	\$94,403	\$80,167	\$72,737	\$75,363	\$491,513
20	kWh Purchases	<u>47,002,940</u>	<u>57,938,886</u>	58,676,186	49,825,623	45,207,438	46,841,294	<u>305,492,367</u>
21	Total, Before Losses $(L.19 / L.20)$	\$0.00161						
22	Losses	<u>6.40%</u>						
23 24	Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22))	\$0.00171						

	TOTAL DEFAULT SERVICE CHARGE							
25	Total Retail Rate - Residential Variable Default Service- Charge (L.7 + L.23)	\$0.07960	\$0.07896	\$0.07881	\$0.08317	\$0.08726	\$0.08849	
26	Total Retail Rate - Residential Fixed Default Service- Charge (L.8+L.24)							\$0.08238
27	Total Retail Rate - G2 and OL Variable Default Service Charge (L.15 + L.23) Total Retail Rate - G2 and OL Fixed Default Service	\$0.06869	\$0.07257	\$0.07102	\$0.07456	\$0.07538	\$0.08145	
28	Charge (L.16+L.24)							\$0.07377

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	CALCOLATION OF THE BEINGER SERVICE CHARGE										
	G1 Class Default Service:	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Total</u>			
	Power Supply Charge			As show	wn on Schedu	ıle LSM-4					
1	Reconciliation							\$18,084			
2	Total Costs excl. wholesale supplier charge							\$30,930			
3	Reconciliation plus Total Costs excl. wholesale supplier charge $(L.1 + L.2)$							\$49,015			
4	kWh Purchases							20,692,676			
5	Total, Before Losses (L.3 / L.4)							\$0.00237			
6	Losses							4.591%			
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00248	\$0.00248	\$0.00248	\$0.00248	\$0.00248	\$0.00248	\$0.00248			
	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%				
	(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			As show	wn on Schedu	ıle LSM-5					
10	Reconciliation	(\$7,175)	(\$7,101)	(\$6,763)	(\$6,786)	(\$6,543)	(\$6,626)	(\$40,995)			
11	Total Costs	<u>\$10,653</u>	<u>\$11,990</u>	<u>\$11,420</u>	<u>\$11,459</u>	<u>\$11,048</u>	<u>\$11,188</u>	<u>\$67,757</u>			
12	Reconciliation plus Total Costs (L.10+ L.11)	\$3,477	\$4,889	\$4,656	\$4,672	\$4,505	\$4,562	\$26,762			
13	kWh Purchases	3,621,892	3,584,257	3,413,843	3,425,473	3,302,634	3,344,576	20,692,676			
14	Total, Before Losses (L.12 / L.13)	\$0.00096	\$0.00136	\$0.00136	\$0.00136	\$0.00136	\$0.00136				
15	Losses	4.591%	4.591%	<u>4.591%</u>	4.591%	4.591%	4.591%				
16	Total Retail Rate - RPS Charge (L.14 * (1+L.15))	\$0.00100	\$0.00143	\$0.00143	\$0.00143	\$0.00143	\$0.00143				
	TOTAL DEFAULT SERVICE CHARGE										
17	Total Retail Rate - Default Service Charge (L.9 +	MADKET	MADKET	MADKET	MADKET	MADIZET	MADIZET				

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in Case No. DE 18-035, dated

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Issued: September 28, 2018 Effective: December 1, 2018

L.16)

	G1 Class Default Service:							
		Jun-18	Jul 18	<u>Aug 18</u>	Sep 18	Oct-18	Nov-18	Total
	Power Supply Charge							
1	Reconciliation							\$20,731
2	Total Costs excl. wholesale supplier charge							\$27,840
3	Reconciliation plus Total Costs excl. wholesale supplier charge (L.1 + L.2)							\$48,571
4	kWh Purchases							<u>18,484,947</u>
5	Total, Before Losses (L.3 / L.4)							\$0.00263
6	Losses							<u>4.591%</u>
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00275						
	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%	
	(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	(\$7,803)	(\$8,221)	(\$9,060)	(\$8,022)	(\$7,134)	(\$6,755)	(\$46,996)
11	Total Costs	\$13,211	\$13,919	<u>\$15,339</u>	<u>\$13,581</u>	\$12,079	<u>\$11,436</u>	\$79,564
12	Reconciliation plus Total Costs (L.10+ L.11)	\$5,407	\$5,697	\$6,279	\$5,559	\$4,944	\$4,681	\$32,568
13	kWh Purchases	3,069,181	3,233,715	3,563,580	3,155,278	2,806,208	2,656,985	18,484,947
14	Total, Before Losses (L.12 / L.13)	\$0.00176	\$0.00176	\$0.00176	\$0.00176	\$0.00176	\$0.00176	
15	Losses	4.591%	4.591%	4.591%	<u>4.591%</u>	<u>4.591%</u>	<u>4.591%</u>	
16	Total Retail Rate - RPS Charge (L.14 * (1+L.15))	\$0.00184	\$0.00184	\$0.00184	\$0.00184	\$0.00184	\$0.00184	

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L.16)

TOTAL DEFAULT SERVICE CHARGE

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

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		Dec-18 Estimated	Jan-19 <u>Estimated</u>	Feb-19 Estimated	Mar-19 <u>Estimated</u>	Apr-19 Estimated	May-19 Estimated	<u>Total</u>
1	Residential Class Reconciliation (1)	(\$31,890)	(\$37,903)	(\$33,564)	(\$29,800)	(\$27,344)	(\$24,822)	(\$185,323)
2	Total Costs (Page 2)	\$5,222,880	\$5,962,587	\$4,836,67 <u>5</u>	\$4,309,997	\$2,610,072	\$2,974,149	\$25,916,359
3	Reconciliation plus Total Costs (L.1 + L.2)	\$5,190,990	\$5,924,684	\$4,803,111	\$4,280,197	\$2,582,728	\$2,949,327	\$25,731,037
4	kWh Purchases	40,588,549	48,242,083	42,718,930	37,928,196	34,802,731	31,593,044	235,873,533
5	Total, Before Losses (L.3 / L.4)	\$0.12789	\$0.12281	\$0.11244	\$0.11285	\$0.07421	\$0.09335	\$0.10909
6	Losses	6.40%	<u>6.40%</u>	6.40%	6.40%	<u>6.40%</u>	<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))	\$0.13608	\$0.13067	\$0.11963	\$0.12007	\$0.07896	\$0.09933	\$0.11607
9	G2 and OL Class Reconciliation (1)	(\$12,812)	(\$14,509)	(\$13,402)	(\$12,601)	(\$12,541)	(\$12,092)	(\$77,957)
10	Total Costs (Page 2)	\$1,660,574	\$2,362,678	\$2,194,672	<u>\$1,438,979</u>	<u>\$1,177,171</u>	\$1,051,800	<u>\$9,885,875</u>
11	Reconciliation plus Total Costs (L.9 + L.10)	\$1,647,762	\$2,348,169	\$2,181,270	\$1,426,378	\$1,164,630	\$1,039,708	\$9,807,917
12	kWh Purchases	16,309,132	18,470,369	<u>17,060,456</u>	<u>16,041,115</u>	<u>15,964,633</u>	<u>15,393,091</u>	99,238,796
13	Total, Before Losses (L.11 / L.12)	\$0.10103	\$0.12713	\$0.12786	\$0.08892	\$0.07295	\$0.06754	\$0.09883
14	Losses	6.40%	<u>6.40%</u>	6.40%	6.40%	<u>6.40%</u>	<u>6.40%</u>	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))	\$0.10750	\$0.13527	\$0.13604	\$0.09461	\$0.07762	\$0.07187	\$0.10516

(1) As filed in DE 18-035 (April 6, 2018). Power Supply Charge balance as of February 28, 2018, as adjusted, allocated between rate periods (June-November 2018 and December 2018-May 2019) and rate classes (Residential and G2/OL), and then to each month, December 2018 through May 2019, on equal per kWh basis.

Rate period: June-November 2018 Rate period: December 2018-May 2019

Total

Reconciliation per period (\$257,139) (\$263,280) (\$520,418)

December 2018-May 2019

	DCO	citibet zo to may zo
December 2018-May 2	019	Reconciliation
kWh purchases	% by class	by class
235,873,533	70.39%	(\$185,323)
99,238,796	29.61%	(\$77,957)
335,112,329		(\$263,280)

Residential class G2 and OL class Total Redacted Schedule LSM-2

Page 2 of 2

Unitil Energy Systems, Inc. Itemized Costs for Non-G1 Class Default Service Charge

	(a)	(b)	(c)		ation of Working ges and GIS Sup (e)		(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)	Non-G1 Class (G2 and OL) DS Supplier Charges (col. b)	Costs (sum col. c	
Dec-18 Jan-19 Feb-19 Mar-19 Apr-19 May-19 Total			\$448 \$515 \$604 \$542 \$489 <u>\$460</u> \$3,058	7.18% 7.18% 7.18% 7.18% 7.18% 7.18%		5.25% 5.25% 5.25% 5.25% 5.25% 5.25% 5.25%			\$2,961 \$2,961 \$2,961 \$2,961 \$2,961 \$2,961 \$17,767	\$0 \$0 \$0 \$0 \$0 <u>\$0</u> \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$784 \$784 \$784 \$784 \$784 \$784 \$4,704				\$6,883,454 \$8,325,265 \$7,031,347 \$5,748,976 \$3,787,243 \$4,025,949 \$35,802,234

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

		Allocation of	Total Non-G1	Non-G1 Class	Allocation of	
	Non-G1 Class	Remaining	Class	(G2 and OL)	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-18			\$5,222,880			\$1,660,574
Jan-19			\$5,962,587			\$2,362,678
Feb-19			\$4,836,675			\$2,194,672
Mar-19			\$4,309,997			\$1,438,979
Apr-19			\$2,610,072			\$1,177,171
May-19			\$2,974,149			\$1,051,800
Total			\$25,916,359			\$9,885,875

- (1) Estimates based on monthly average wholesale rate times estimated monthly purchases.
 (2) Number of days lag equals 26.21. Calculated using revenue lag of 64.11 days less cost lead of 37.90 days. Revenue lag per Schedule DTN-1, Page 4 of 23 and cost lead per Schedule DTN-1, Page 22 of 23, DE 18-035 filed April 6, 2018.
 (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:

				Residential Class kWh	G2 and OL Class kWh
	Estimated kWh	1		Purchases /	Purchases /
	Purchases -	Estimated kWh	Total Non-G1	Total Non-G1	Total Non-G1
	Residential	Purchases - G2	Class kWh	Class kWh	Class kWh
	Class	and OL Class	Purchases	Purchases	Purchases
Dec-18	40,588,549	16,309,132	56,897,681	71.3%	28.7%
Jan-19	48,242,083	18,470,369	66,712,453	72.3%	27.7%
Feb-19	42,718,930	17,060,456	59,779,387	71.5%	28.5%
Mar-19	37,928,196	16,041,115	53,969,311	70.3%	29.7%
Apr-19	34,802,731	15,964,633	50,767,363	68.6%	31.4%
May-19	31,593,044	15,393,091	46,986,135	67.2%	32.8%
Total	235.873.533	99.238.796	335.112.329		

Schedule LSM-3 Page 1 of 2

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

1	Reconciliation (1)	Dec-18 Estimated (\$139,400)	Jan-19 <u>Estimated</u> (\$163,446)	Feb-19 Estimated (\$146,460)	Mar-19 Estimated (\$132,225)	Apr-19 Estimated (\$124,380)	May-19 Estimated (\$115,116)	<u>Total</u> (\$821,028)
2	Total Costs (Page 2)	\$164,62 <u>9</u>	\$219,53 <u>1</u>	\$196,717	\$177,599	\$167,064	\$154,623	\$1,080,163
3	Reconciliation plus Total Costs (L.1 + L.2)	\$25,229	\$56,085	\$50,257	\$45,374	\$42,684	\$39,506	\$259,135
4	kWh Purchases	56,897,681	66,712,453	59,779,387	53,969,311	50,767,363	46,986,135	335,112,329
5 00	Total, Before Losses (L.3 / L.4)	\$0.00044	\$0.00084	\$0.00084	\$0.00084	\$0.00084	\$0.00084	\$0.00077
01 &	Losses	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	<u>6.40%</u>	6.40%
7 8	Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6)) Total Retail Rate - Fixed RPS Charge (L.5 * (1+L.6))	\$0.00047	\$0.00089	\$0.00089	\$0.00089	\$0.00089	\$0.00089	\$0.00082

(1) As filed in DE 18-035 (April 6, 2018). Renewable Portfolio Standard Charge balance as of February 28, 2018, as adjusted, allocated between rate periods (June-November 2018 and December 2018-May 2019) and then to each month on equal per kWh basis.

Reconciliation amount for June-November 2018
Reconciliation amount for December 2018-May 2019
Total

(\$801,878)

(\$821,028)

(\$1,622,906)

Unitil Energy Systems, Inc. Itemized Costs for Non-G1 Class Default Service Renewable Portfolio Standard Charge Schedule LSM-3 Page 2 of 2

			Calculati	on of Working	Capital	
	(a)	(b)	(c) Working	(d)	(e)	(f)
	Renewable Energy Credits (1)	Number of Days of Lag / 365 (2)	Capital Requirement (a*b)	Prime Rate	Supply Related Working Capital (c * d)	Total Costs (sum a + e)
	(1)	303 (Z)	(a b)	1 Time reace	Capital (C u)	Total Costs (Sull a · c)
Dec-18	\$170,441	(64.96%)	(\$110,712)	5.25%	(\$5,812)	\$164,629
Jan-19	\$227,281	(64.96%)	(\$147,633)	5.25%	(\$7,751)	\$219,531
Feb-19	\$203,662	(64.96%)	(\$132,291)	5.25%	(\$6,945)	\$196,717
Mar-19	\$183,870	(64.96%)	(\$119,435)	5.25%	(\$6,270)	\$177,599
Apr-19	\$172,963	(64.96%)	(\$112,350)	5.25%	(\$5,898)	\$167,064
May-19	<u>\$160,082</u>	(64.96%)	(\$103,983)	5.25%	<u>(\$5,459)</u>	<u>\$154,623</u>
Total	\$1,118,299		(\$726,404)		(\$38,136)	\$1,080,163

⁽¹⁾ Schedule LSG-4.

⁽²⁾ Number of days lag equals (237.09). Calculated using revenue lag of 64.11 days less cost lead of 301.20 days. Revenue lag per Schedule DTN-1, Page 4 of 23 and cost lead per Schedule DTN-1, Page 22 of 23, DE 18-035 filed April 6, 2018.

		i otai
		December 2018-May 2019
1	Reconciliation (1)	\$18,084
2	Total Costs excl. wholesale supplier charge (Page 2)	<u>\$30,930</u>
3	Reconciliation plus Total Costs excl. wholesale supplier charge (L.1 + L.2)	\$49,015
4	kWh Purchases	20,692,676
5	Total, Before Losses (L.3 / L.4)	\$0.00237
6	Losses	<u>4.591%</u>
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	\$0.00248

(1) As filed in DE 18-035 (April 6, 2018). Power Supply Charge balance as of February 28, 2018, as adjusted, allocated between rate periods (June-November 2018 and December 2018-May 2019) on equal per kWh basis.

Total

Reconciliation amount for June-November 2018	\$20,731
Reconciliation amount for December 2018-May 2019	<u>\$18,084</u>
Total	\$38,815

(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.

Unitil Energy Systems, Inc. Itemized Costs for G1 Class Default Service Power Supply Charge

				Calculation of	f Working Cap	oital						
			Suppli	er Charges and	d GIS Support	t Payments						
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)
				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)
D 40		004	0.470/	040.704	5.050/	0505	40	0.4.500	00		0.10	05.005
Dec-18		\$31	3.47%	\$10,761	5.25%	\$565	\$0	\$4,590	\$0	\$0	\$49	\$5,235
Jan-19		\$33	3.47%	\$11,636	5.25%	\$611	\$0	\$4,590	\$0	\$0	\$49	\$5,283
Feb-19		\$32	3.47%	\$10,654	5.25%	\$559	\$0	\$4,590	\$0	\$0	\$49	\$5,231
Mar-19		\$31	3.47%	\$8,990	5.25%	\$472	\$0	\$4,590	\$0	\$0	\$49	\$5,143
Apr-19		\$31	3.47%	\$6,318	5.25%	\$332	\$0	\$4,590	\$0	\$0	\$49	\$5,002
May-19		<u>\$30</u>	3.47%	\$6,966	5.25%	<u>\$366</u>	<u>\$0</u>	<u>\$4,590</u>	<u>\$0</u>	<u>\$0</u>	<u>\$49</u>	\$5,03 <u>5</u>
Ğ Total		\$188				\$2,905	\$0	\$27,543	\$0	\$0	\$296	\$30,930
178												
(1) DS Supplier	r Charges to be de	termined at th	e end of each m	onth.								

⁽²⁾ Number of days lag equals 12.67. Calculated using revenue lag of 46.32 days less cost lead of 33.65 days. Revenue lag per Schedule DTN-1, Page 4 of 23 and cost lead per Schedule DTN-1, Page 20 of 23, DE 18-035 filed April 6, 2018.

⁽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-18 Estimated	Jan-19 <u>Estimated</u>	Feb-19 Estimated	Mar-19 Estimated	Apr-19 Estimated	May-19 <u>Estimated</u>	<u>Total</u>
1	Reconciliation (1)	(\$7,175)	(\$7,101)	(\$6,763)	(\$6,786)	(\$6,543)	(\$6,626)	(\$40,995)
2	Total Costs (Page 2)	<u>\$10,653</u>	<u>\$11,990</u>	<u>\$11,420</u>	<u>\$11,459</u>	<u>\$11,048</u>	<u>\$11,188</u>	<u>\$67,757</u>
3	Reconciliation plus Total Costs (L.1 + L.2)	\$3,477	\$4,889	\$4,656	\$4,672	\$4,505	\$4,562	\$26,762
4	kWh Purchases	3,621,892	3,584,257	3,413,843	3,425,473	3,302,634	<u>3,344,576</u>	20,692,676
500	Total, Before Losses (L.3 / L.4)	\$0.00096	\$0.00136	\$0.00136	\$0.00136	\$0.00136	\$0.00136	
766	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>	
7	Total Retail Rate - Variable RPS Charge (L.5 * (1+L.6))	\$0.00100	\$0.00143	\$0.00143	\$0.00143	\$0.00143	\$0.00143	

(1) As filed in DE 18-035 (April 6, 2018). Renewable Portfolio Standard Charge balance as of February 28, 2018, as adjusted, allocated between rate periods (June-November 2018 and December 2018-May 2019) and then to each month on equal per kWh basis.

Reconciliation amount for June-November 2018
Reconciliation amount for December 2018-May 2019
Total (\$46,996)
(\$46,996)
(\$40,995)
(\$87,991)

	(a)	(b)	(c) Working	(d)	(e)	(f)
		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-18	\$11,042	(67.15%)	(\$7,414)	5.25%	(\$389)	\$10,653
Jan-19	\$12,428	(67.15%)	(\$8,345)	5.25%	(\$438)	\$11,990
Feb-19	\$11,837	(67.15%)	(\$7,948)	5.25%	(\$417)	\$11,420
Mar-19	\$11,877	(67.15%)	(\$7,975)	5.25%	(\$419)	\$11,459
Apr-19	\$11,451	(67.15%)	(\$7,689)	5.25%	(\$404)	\$11,048
May-19	<u>\$11,597</u>	(67.15%)	(\$7,787)	5.25%	(\$409)	<u>\$11,188</u>
Total	\$70,233				(\$2,476)	\$67,757

⁽¹⁾ Schedule LSG-4.

⁽²⁾ Number of days lag equals (245.08). Calculated using revenue lag of 46.32 days less cost lead of 291.40 days. Revenue lag per Schedule DTN-1, Page 4 of 23 and cost lead per Schedule DTN-1, Page 20 of 23, DE 18-035 filed April 6, 2018.

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

		G1 Class	Non-G1 Class	Total	Notes:
Energy Contract	ts Department:				12.00.
1	Average Cost of Labor per Hour	\$49.83	\$49.83	\$49.83	1
2	Estimated Annual Hours Required to Accomplish Tasks	249.4	<u>150.6</u>	400.0	
3	Cost of Labor	\$12,428	\$7,504	\$19,932	
4	Overhead (Line 3 * Overhead rate)	\$15,659	\$9,45 <u>6</u>	\$25,114	2
5	Total Labor and Overhead Cost	\$28,086	<u>\$16,960</u>	\$45,046	
Regulatory Ser	vices Department:				
1	Average Cost of Labor per Hour	\$61.27	\$61.27	\$61.27	1
2	Estimated Annual Hours Required to Accomplish Tasks	88.0	35.0	123.0	
3	Cost of Labor	\$5,392	\$ 2,14 4	\$7,536	
4	Overhead (Line 3 * Overhead rate)	\$6,794	\$2,702	\$9,496	2
5	Total Labor and Overhead Cost	<u>\$12,185</u>	<u>\$4,846</u>	\$17,032	
Accounts Payal	ole Department:				
1	Average Cost of Labor per Hour	\$26.78	\$26.78	\$26.78	1
2	Estimated Annual Hours Required to Accomplish Tasks	6.0	6.0	12.0	
3	Cost of Labor	\$ 16 1	\$ 16 1	\$321	
4	Overhead (Line 3 * Overhead rate)	\$202	<u>\$202</u>	<u>\$405</u>	2
5	Total Labor and Overhead Cost	<u>\$363</u>	<u>\$363</u>	<u>\$726</u>	
General Accour	nting Department:				
1	Average Cost of Labor per Hour	\$47.07	\$47.07	\$47.07	1
2	Estimated Annual Hours Required to Accomplish Tasks	6.0	6.0	12.0	
3	Cost of Labor	\$282	\$282	\$565	
4	Overhead (Line 3 * Overhead rate)	<u>\$356</u>	<u>\$356</u>	\$712	2
5	Total Labor and Overhead Cost	\$638	<u>\$638</u>	\$1,277	
Finance Depart	ment:				
1	Average Cost of Labor per Hour	\$52.38	\$52.38	\$52.38	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>26.0</u>	<u>26.0</u>	<u>52.0</u>	
3	Cost of Labor	\$1,362	\$1,362	\$2,724	
4	Overhead (Line 3 * Overhead rate)	\$1,716	\$1,716	\$3,432	2
5	Total Labor and Overhead Cost	<u>\$3,078</u>	<u>\$3,078</u>	<u>\$6,156</u>	
Communication	s Department:				
1	Average Cost of Labor per Hour	\$48.20	\$48.20	\$48.20	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>60.0</u>	<u>60.0</u>	<u>120.0</u>	
3	Cost of Labor	\$2,892	\$2,892	\$5,784	
4	Overhead (Line 3 * Overhead rate)	\$3,644	\$3,644	\$7,288	2
5	Total Labor and Overhead Cost	<u>\$6,536</u>	<u>\$6,536</u>	<u>\$13,072</u>	
Business Devel	opment Department:				
1	Average Cost of Labor per Hour	\$47.45	\$47.45	\$47.45	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>8.0</u>	<u>0.0</u>	<u>8.0</u>	
3	Cost of Labor	\$380	\$0	\$380	
4	Overhead (Line 3 * Overhead rate)	<u>\$478</u>	<u>\$0</u>	<u>\$478</u>	2
5	Total Labor and Overhead Cost	<u>\$858</u>	<u>\$0</u>	<u>\$858</u>	
Information Sys	tems Department:				
1	Average Cost of Labor per Hour	\$45.75	\$45.75	\$45.75	1
2	Estimated Annual Hours Required to Accomplish Tasks	<u>3.6</u>	<u>1.4</u>	<u>5.0</u>	
3	Cost of Labor	\$165	\$64	\$229	
4	Overhead (Line 3 * Overhead rate)	<u>\$208</u>	<u>\$81</u>	\$288	2
5	Total Labor and Overhead Cost	<u>\$372</u>	<u>\$145</u>	<u>\$517</u>	
Customer Servi	ce Department:				
1	Average Cost of Labor per Hour	\$27.36	\$27.36	\$27.36	1
2	Estimated Annual Hours Required to Accomplish Tasks	48.0	48.0	96.0	
3	Cost of Labor	\$1,313	\$1,313	\$2,627	
4	Overhead (Line 3 * Overhead rate)	\$1,65 <u>5</u>	<u>\$1,655</u>	\$3,309	2
5	Total Labor and Overhead Cost	\$2,968	\$2,968	\$5,936	
		\$55,085	\$35,53 <u>4</u>	\$90,619	1

Notes:

1) See Schedule LSM-6, Page 2 of 2.
2) Based on Unitil Service Corp. overhead rate of 126% (2017 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 $\underline{Salaries}$ (c) + (e) = (g)	Avg Hrly Labor Cost (3) (g) \div (f) \div 2080 = (h)
Energy Contracts	8.00	\$829,128			8.00	\$829,128	\$49.83
Regulatory / Legal	9.00	\$1,147,027			9.00	\$1,147,027	\$61.27
Accounts Payable	5.00	\$278,556			5.00	\$278,556	\$26.78
General Accounting	19.30 (4)	\$1,928,027	1.0	\$59,369	20.30	\$1,987,396	\$47.07
Finance	6.00	\$653,763			6.00	\$653,763	\$52.38
Communications	9.00	\$902,320			9.00	\$902,320	\$48.20
Customer Energy Solutions (formerly Business Services)	25.00	\$2,482,771	1.0	\$83,551	26.00	\$2,566,322	\$47.45
Information Technology	24.00	\$2,325,586	4.0	\$338,642	28.00	\$2,664,228	\$45.75
Customer Service	68.00	\$3,870,796	4.0	\$226,347	72.00	\$4,097,143	\$27.36

⁽¹⁾ Annualized salaries of active employees as of September 1, 2018.

⁽²⁾ Salary range midpoint of open positions as of September 1, 2018.

⁽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

	9/1/2018	12/1/2018					% Difference <u>to</u>
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$16.12	\$16.12	\$0.00	\$16.12	\$16.12	\$0.00	0.0%
	<u>\$/kWh</u>	\$/kWh					
Distribution Charge	\$0.03537	\$0.03537	\$0.00000	\$22.99	\$22.99	\$0.00	0.0%
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000	\$15.53	\$15.53	\$0.00	0.0%
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000	(\$0.66)	(\$0.66)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00133	\$0.00133	\$0.00000	\$0.86	\$0.86	\$0.00	0.0%
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000	\$2.96	\$2.96	\$0.00	0.0%
Default Service Charge	\$0.08238	\$0.11689	\$0.03451	<u>\$53.55</u>	\$75.98	\$22.43	<u>20.1%</u>
Total kWh Charges	\$0.14652	\$0.18103	\$0.03451				
Total B	ill			\$111.36	\$133.79	\$22.43	20.1%

	Regular General G2 Demand, 11 kW, 2,800 kWh Typical Bill											
	9/1/2018	12/1/2018					% Difference <u>to</u>					
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill					
Customer Charge	\$29.02	\$29.02	\$0.00	\$29.02	\$29.02	\$0.00	0.0%					
	All kW	<u>All kW</u>										
Distribution Charge	\$10.45	\$10.45	\$0.00	\$114.95	\$114.95	\$0.00	0.0%					
Stranded Cost Charge	<u>(\$0.21)</u>	<u>(\$0.21)</u>	<u>\$0.00</u>	<u>(\$2.31)</u>	<u>(\$2.31)</u>	<u>\$0.00</u>	<u>0.0%</u>					
Total kW Charges	\$10.24	\$10.24	\$0.00	\$112.64	\$112.64	\$0.00	0.0%					
	<u>\$/kWh</u>	<u>\$/kWh</u>										
Distribution Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00	\$0.00	\$0.00	0.0%					
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000	\$66.89	\$66.89	\$0.00	0.0%					
Stranded Cost Charge	(\$0.00021)	(\$0.00021)	\$0.00000	(\$0.59)	(\$0.59)	\$0.00	0.0%					
Storm Recovery Adj.	\$0.00133	\$0.00133	\$0.00000	\$3.72	\$3.72	\$0.00	0.0%					
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000	\$12.77	\$12.77	\$0.00	0.0%					
Default Service Charge	\$0.07377	<u>\$0.10598</u>	\$0.03221	<u>\$206.56</u>	<u>\$296.74</u>	\$90.19	<u>20.9%</u>					
Total kWh Charges	\$0.10334	\$0.13555	\$0.03221	\$289.35	\$379.54	\$90.19	20.9%					
Total Bi	II			\$431.01	\$521.20	\$90.19	20.9%					

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

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

Regular General	G2 Quick Reco	very Water He	ating and Spa	ce Heating 1,6	60 kWh Typical Bi	<u>II</u>	
	9/1/2018	12/1/2018					% Difference to
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$9.67	\$9.67	\$0.00	\$9.67	\$9.67	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03185	\$0.03185	\$0.00000	\$52.87	\$52.87	\$0.00	0.0%
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000	\$39.66	\$39.66	\$0.00	0.0%
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000	(\$1.68)	(\$1.68)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00133	\$0.00133	\$0.00000	\$2.21	\$2.21	\$0.00	0.0%
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000	\$7.57	\$7.57	\$0.00	0.0%
Default Service Charge	\$0.07377	\$0.10598	\$0.03221	<u>\$122.46</u>	\$175.93	\$53.47	<u>23.0%</u>
Total kWh Charges	\$0.13439	\$0.16660	\$0.03221	\$223.09	\$276.56	\$53.47	23.0%
Total Bil	I			\$232.76	\$286.23	\$53.47	23.0%

	Regular Ge	neral G2 kWh	Meter 115 kW	h Typical Bill			
	9/1/2018	12/1/2018					% Difference to
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$18.27	\$18.27	\$0.00	\$18.27	\$18.27	\$0.00	0.0%
	\$/kWh	<u>\$/kWh</u>					
Distribution Charge	\$0.00878	\$0.00878	\$0.00000	\$1.01	\$1.01	\$0.00	0.0%
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000	\$2.75	\$2.75	\$0.00	0.0%
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000	(\$0.12)	(\$0.12)	\$0.00	0.0%
Storm Recovery Adj.	\$0.00133	\$0.00133	\$0.00000	\$0.15	\$0.15	\$0.00	0.0%
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000	\$0.52	\$0.52	\$0.00	0.0%
Default Service Charge	\$0.07377	\$0.10598	\$0.03221	<u>\$8.48</u>	<u>\$12.19</u>	\$3.70	11.9%
Total kWh Charges	\$0.11132	\$0.14353	\$0.03221	\$12.80	\$16.51	\$3.70	11.9%
Total Bill				\$31.07	\$34.78	\$3.70	11.9%

^{*} 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 655 kWh Bill - Mean Use*

	9/1/2018	12/1/2018					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill**	As Revised Bill**	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$16.12	\$16.12	\$0.00	\$16.12	\$16.12	\$0.00	0.0%
	\$/kWh	\$/kWh					
Distribution Charge	\$0.03537	\$0.03537	\$0.00000	\$23.17	\$23.17	\$0.00	0.0%
External Delivery Charge Stranded Cost Charge Storm Recovery Adj. System Benefits Charge Default Service Charge Total kWh Charges	\$0.02389 (\$0.00101) \$0.00133 \$0.00456 <u>\$0.08238</u> \$0.14652	\$0.02389 (\$0.00101) \$0.00133 \$0.00456 <u>\$0.11689</u> \$0.18103	\$0.00000 \$0.00000 \$0.00000 \$0.00000 <u>\$0.03451</u> \$0.03451	\$15.65 (\$0.66) \$0.87 \$2.99 \$53.96	\$15.65 (\$0.66) \$0.87 \$2.99 \$76.56	\$0.00 \$0.00 \$0.00 \$0.00 \$22.60	0.0% 0.0% 0.0% 0.0% <u>20.2%</u>
Total B	ill			\$112.09	\$134.69	\$22.60	20.2%

Residential Rate D 533 kWh Bill - Median Use*

	9/1/2018	12/1/2018					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill**	As Revised Bill**	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$16.12	\$16.12	\$0.00	\$16.12	\$16.12	\$0.00	0.0%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03537	\$0.03537	\$0.00000	\$18.85	\$18.85	\$0.00	0.0%
External Delivery Charge Stranded Cost Charge Storm Recovery Adj. System Benefits Charge Default Service Charge Total kWh Charges	\$0.02389 (\$0.00101) \$0.00133 \$0.00456 <u>\$0.08238</u> \$0.14652	\$0.02389 (\$0.00101) \$0.00133 \$0.00456 <u>\$0.11689</u> \$0.18103	\$0.00000 \$0.00000 \$0.00000 \$0.00000 <u>\$0.03451</u> \$0.03451	\$12.73 (\$0.54) \$0.71 \$2.43 \$43.91	\$12.73 (\$0.54) \$0.71 \$2.43 \$62.30	\$0.00 \$0.00 \$0.00 \$0.00 \$18.39	0.0% 0.0% 0.0% 0.0% 19.5%
Total Bil	l			\$94.22	\$112.61	\$18.39	19.5%

^{*} Based on billing period July 2017 through March 2018.
** 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, 2018

(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 \$	Revenue
Residential	785,306	497,875,828	n/a	\$17,181,695	\$85,607,903	\$102,789,598	\$17,181,695	20.1%
General Service	131,872	354,161,409	1,348,556	\$11,407,539	\$54,270,048	\$65,677,587	\$11,407,539	21.0%
dutdoor Lighting	110,850	8,241,454	n/a	\$265,457	\$2,708,559	\$2,974,016	\$265,457	9.8%
Total	1,028,028	860,278,690		\$28,854,691	\$142,586,511	\$171,441,202	\$28,854,691	20.2%

⁽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, 2018 vs. December 1, 2018 Impacts do NOT include the Electricity Consumption Tax Impact on D Rate Customers

Average	Total Bill Using Rates	Total Bill Using Rates	Total	% Total
<u>kWh</u>	9/1/2018	12/1/2018	<u>Difference</u>	<u>Difference</u>
125	\$34.44	\$38.75	\$4.31	12.5%
150	\$38.10	\$43.27	\$5.18	13.6%
200	\$45.42	\$52.33	\$6.90	15.2%
250	\$52.75	\$61.38	\$8.63	16.4%
300	\$60.08	\$70.43	\$10.35	17.2%
350	\$67.40	\$79.48	\$12.08	17.9%
400	\$74.73	\$88.53	\$13.80	18.5%
450	\$82.05	\$97.58	\$15.53	18.9%
500	\$89.38	\$106.64	\$17.26	19.3%
525	\$93.04	\$111.16	\$18.12	19.5%
550	\$96.71	\$115.69	\$18.98	19.6%
575	\$100.37	\$120.21	\$19.84	19.8%
600	\$104.03	\$124.74	\$20.71	19.9%
625	\$107.70	\$129.26	\$21.57	20.0%
650	\$111.36	\$133.79	\$22.43	20.1%
675	\$115.02	\$138.32	\$23.29	20.3%
700	\$118.68	\$142.84	\$24.16	20.4%
725	\$122.35	\$147.37	\$25.02	20.4%
750	\$126.01	\$151.89	\$25.88	20.5%
775	\$129.67	\$156.42	\$26.75	20.6%
825	\$137.00	\$165.47	\$28.47	20.8%
925	\$151.65	\$183.57	\$31.92	21.0%
1,000	\$162.64	\$197.15	\$34.51	21.2%
1,250	\$199.27	\$242.41	\$43.14	21.6%
1,500	\$235.90	\$287.67	\$51.77	21.9%
2,000	\$309.16	\$378.18	\$69.02	22.3%
3,500	\$528.94	\$649.73	\$120.79	22.8%
5,000	\$748.72	\$921.27	\$172.55	23.0%

	Rates - Effective September 1, 2018	Rates - Proposed December 1, 2018	Difference
Customer Charge	\$16.12	\$16.12	\$0.00
	kWh	kWh	kWh
Distribution Charge:	\$0.03537	\$0.03537	\$0.00000
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00133	\$0.00133	\$0.00000
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000
Default Service Charge	\$0.08238	\$0.11689	\$0.03451
TOTAL	\$0.14652	\$0.18103	\$0.03451

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2018 vs. December 1, 2018 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>9/1/2018</u>	Total Bill Using Rates <u>12/1/2018</u>	Total <u>Difference</u>	% Total <u>Difference</u>
20%	5	730	\$155.66	\$179.17	\$23.51	15.1%
20%	10	1,460	\$282.30	\$329.32	\$47.03	16.7%
20%	15	2,190	\$408.93	\$479.47	\$70.54	17.2%
20%	25	3,650	\$662.21	\$779.78	\$117.57	17.8%
20%	50	7,300	\$1,295.40	\$1,530.54	\$235.13	18.2%
20%	75	10,950	\$1,928.59	\$2,281.29	\$352.70	18.3%
20%	100	14,600	\$2,561.78	\$3,032.05	\$470.27	18.4%
20%	150	21,900	\$3,828.17	\$4,533.57	\$705.40	18.4%
36%	5	1,314	\$216.01	\$258.33	\$42.32	19.6%
36%	10	2,628	\$403.00	\$487.65	\$84.65	21.0%
36%	15	3,942	\$589.99	\$716.96	\$126.97	21.5%
36%	25	6,570	\$963.96	\$1,175.58	\$211.62	22.0%
36%	50	13,140	\$1,898.91	\$2,322.15	\$423.24	22.3%
36%	75	19,710	\$2,833.85	\$3,468.71	\$634.86	22.4%
36%	100	26,280	\$3,768.80	\$4,615.27	\$846.48	22.5%
36%	150	39,420	\$5,638.68	\$6,908.40	\$1,269.72	22.5%
50%	5	1,825	\$268.82	\$327.60	\$58.78	21.9%
50%	10	3,650	\$508.61	\$626.18	\$117.57	23.1%
50%	15	5,475	\$748.41	\$924.76	\$176.35	23.6%
50%	25	9,125	\$1,228.00	\$1,521.91	\$293.92	23.9%
50%	50	18,250	\$2,426.98	\$3,014.81	\$587.83	24.2%
50%	75	27,375	\$3,625.95	\$4,507.70	\$881.75	24.3%
50%	100	36,500	\$4,824.93	\$6,000.60	\$1,175.67	24.4%
50%	150	54,750	\$7,222.89	\$8,986.38	\$1,763.50	24.4%

	Rates - Effective September 1,	Rates - Proposed December 1, 2018	Difference
Customer Charge	\$29.02	\$29.02	\$0.00
	All kW	<u>All kW</u>	All kW
Distribution Charge	\$10.45	\$10.45	\$0.00
Stranded Cost Charge	<u>(\$0.21)</u>	<u>(\$0.21)</u>	\$0.00
TOTAL	\$10.24	\$10.24	\$0.00
	<u>kWh</u>	<u>kWh</u>	<u>kWh</u>
Distribution Charge	\$0.00000	\$0.00000	\$0.00000
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000
Stranded Cost Charge	(\$0.00021)	(\$0.00021)	\$0.00000
Storm Recovery Adj. Factor	\$0.00133	\$0.00133	\$0.00000
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000
Default Service Charge	\$0.07377	<u>\$0.10598</u>	\$0.03221
TOTAL	\$0.10334	\$0.13555	\$0.03221

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2018 vs. December 1, 2018 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>9/1/2018</u>	Total Bill Using Rates <u>12/1/2018</u>	Total <u>Difference</u>	% Total <u>Difference</u>
15	\$19.94	\$20.42	\$0.48	2.4%
75	\$26.62	\$29.03	\$2.42	9.1%
150	\$34.97	\$39.80	\$4.83	13.8%
250	\$46.10	\$54.15	\$8.05	17.5%
350	\$57.23	\$68.51	\$11.27	19.7%
450	\$68.36	\$82.86	\$14.49	21.2%
550	\$79.50	\$97.21	\$17.72	22.3%
650	\$90.63	\$111.56	\$20.94	23.1%
750	\$101.76	\$125.92	\$24.16	23.7%
900	\$118.46	\$147.45	\$28.99	24.5%

	Rates - Effective September 1, 2018	Rates - Proposed December 1, 2018	Difference
kWh Meter Customer Charge	\$18.27	\$18.27	\$0.00
	All kWh	<u>All kWh</u>	All kWh
Distribution Charge	\$0.00878	\$0.00878	\$0.00000
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00133	\$0.00133	\$0.00000
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000
Default Service Charge	<u>\$0.07377</u>	<u>\$0.10598</u>	\$0.03221
TOTAL	\$0.11132	\$0.14353	\$0.03221

Unitil Energy Systems, Inc. Typical Bill Impacts - September 1, 2018 vs. December 1, 2018 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>9/1/2018</u>	Total Bill Using Rates <u>12/1/2018</u>	Total <u>Difference</u>	% Total <u>Difference</u>
100	\$23.11	\$26.33	\$3.22	13.9%
200	\$36.55	\$42.99	\$6.44	17.6%
300	\$49.99	\$59.65	\$9.66	19.3%
400	\$63.43	\$76.31	\$12.88	20.3%
500	\$76.87	\$92.97	\$16.11	21.0%
750	\$110.46	\$134.62	\$24.16	21.9%
1,000	\$144.06	\$176.27	\$32.21	22.4%
1,500	\$211.26	\$259.57	\$48.32	22.9%
2,000	\$278.45	\$342.87	\$64.42	23.1%
2,500	\$345.65	\$426.17	\$80.53	23.3%

	Rates - Effective September 1, 2018	Rates - Proposed December 1, 2018	Difference
Customer Charge	\$9.67	\$9.67	\$0.00
	<u>All kWh</u>	<u>All kWh</u>	All kWh
Distribution Charge	\$0.03185	\$0.03185	\$0.00000
External Delivery Charge	\$0.02389	\$0.02389	\$0.00000
Stranded Cost Charge	(\$0.00101)	(\$0.00101)	\$0.00000
Storm Recovery Adjustment Factor	\$0.00133	\$0.00133	\$0.00000
System Benefits Charge	\$0.00456	\$0.00456	\$0.00000
Default Service Charge	\$0.07377	<u>\$0.10598</u>	\$0.03221
TOTAL	\$0.13439	\$0.16660	\$0.03221

Unitil Energy Systems, Inc.

Typical Bill Impacts - September 1, 2018 vs. December 1, 2018 Impacts do NOT include the Electricity Consumption Tax Impact on OL Rate Customers *

	Nominal <u>Watts</u>	Lumens	Type	Average Monthly kWh	Total Bill Using Rates 9/1/2018	Total Bill Using Rates 12/1/2018	Total Difference	% Total Difference
		cury Vapor:	1165		<u></u>			
	1 100	3,500	ST	40	\$17.30	\$18.59	\$1.29	7.4%
	2 175	7,000	ST	67	\$22.53	\$24.69	\$2.16	9.6%
	3 250	11,000	ST	95	\$27.49	\$30.55	\$3.06	11.1%
	4 400	20,000	ST	154	\$36.92	\$41.88	\$4.96	13.4%
	5 1,000	60,000	ST	388	\$81.74	\$94.23	\$12.50	15.3%
	6 250	11,000	FL	95	\$28.64	\$31.70	\$3.06	10.7%
	7 400	20,000	FL	154	\$38.41	\$43.37	\$4.96	12.9%
	8 1,000	60,000	FL	388	\$77.27	\$89.76	\$12.50	16.2%
	9 100	3,500	PB	40	\$17.43	\$18.72	\$1.29	7.4%
1		7,000	PB	67	\$21.66	\$23.82	\$2.16	10.0%
	High Pre	essure Sodium:						
1		4,000	ST	21	\$15.59	\$16.27	\$0.68	4.3%
1	2 100	9,500	ST	43	\$19.54	\$20.92	\$1.39	7.1%
1	3 150	16,000	ST	60	\$21.34	\$23.28	\$1.93	9.1%
1.	4 250	30,000	ST	101	\$29.39	\$32.64	\$3.25	11.1%
1		50,000	ST	161	\$40.49	\$45.67	\$5.19	12.8%
1	6 1,000	140,000	ST	398	\$82.23	\$95.05	\$12.82	15.6%
1		16,000	FL	60	\$23.66	\$25.60	\$1.93	8.2%
1		30,000	FL	101	\$31.00	\$34.25	\$3.25	10.5%
1		50,000	FL	161	\$39.96	\$45.14	\$5.19	13.0%
2		140,000	FL	398	\$82.59	\$95.41	\$12.82	15.5%
2		4,000	PB	21	\$14.59	\$15.27	\$0.68	4.6%
2		4,000 95,000	PB PB	43	\$14.59 \$18.37	\$15.27 \$19.75	\$0.68 \$1.39	7.5%
_				-			==	
2		tal Halide: 8,800	ST	74	\$27.38	\$29.76	\$2.38	8.7%
2		13,500	ST	102	\$27.36 \$31.98	\$35.26	\$3.29	10.3%
2		23,500	ST	158	\$38.52	\$43.61	\$5.29 \$5.09	13.2%
2		8,800	FL	74	\$30.46	\$32.84	\$2.38	7.8%
2		13,500	FL	102	\$35.15	\$38.43	\$3.29	9.3%
2		23,500	FL	158	\$40.93	\$46.02	\$5.09	12.4%
2	9 1,000	86,000	FL	374	\$70.38	\$82.43	\$12.05	17.1%
3	0 175	8,800	PB	74	\$26.11	\$28.49	\$2.38	9.1%
3		13,500	PB	102	\$30.15	\$33.43	\$3.29	10.9%
3	2 400	23,500	PB	158				
Rates - Effective September	1, 2018	<u>Lun</u>	ninaire Charg	es For Year Round	Service:			
	,	Mercury Vapor	Rate/Mo.	Sodium Vapo	or Rate/Mo.	Metal Halide	Rate/Mo.	
Customer Charge	\$0.00		1 \$13.20	11	\$13.44	23	3 \$19.79	
G			2 \$15.66	12		24		
	All kWh		3 \$17.75	13	\$15.19	25	\$22.32	
Distribution Charge	\$0.00000		4 \$21.13	14	\$19.03	26	\$22.87	
External Delivery Charge	\$0.02389		5 \$41.95	15		27		
Stranded Cost Charge	(\$0.00101)		6 \$18.90	16		28		
Storm Recovery Adj. Factor	\$0.00133		7 \$22.62	17		29		
System Benefits Charge	\$0.00456		8 \$37.48	18		30		
Default Service Charge	<u>\$0.07377</u>		9 \$13.33	19		31		
			10 \$14.79	20	\$41.78	32	2 \$21.05	
TOTAL	\$0.10254			21				
Rates - Proposed December	1. 2018			22	\$13.96			
i roposeu December	., 2010	Mercury Vapor	Rate/Mo.	Sodium Vapo	or Rate/Mo.	Metal Halide	Rate/Mo.	
Customer Charge	\$0.00		1 \$13.20	11	\$13.44	23	3 \$19.79	
ŭ			2 \$15.66	12		24		
	All kWh		3 \$17.75	13		25		
Distribution Charge	\$0.00000		4 \$21.13	14		26		
External Delivery Charge	\$0.02389		5 \$41.95	15		27		
External Delivery Charge Stranded Cost Charge				16				
	(\$0.00101)					28		
Storm Recovery Adj. Factor	\$0.00133		7 \$22.62	17		29		
System Benefits Charge	\$0.00456		8 \$37.48	18		30		
Default Service Charge	<u>\$0.10598</u>		9 \$13.33	19		3′		
TOTAL	\$0.13475		10 \$14.79	20 21		32	2 \$21.05	
- -				22				
	Difference	Mercury Vap	or-Difference	Sodium \	/apor-Difference	Metal Ha	lide-Difference	
Customer Charge	\$0.00		1 \$0.00	11		23		
			2 \$0.00	12		24		
	All kWh		3 \$0.00	13		25		
Distribution Charge	\$0.00000		4 \$0.00	14		26		
External Delivery Charge	\$0.00000		5 \$0.00	15	\$0.00	27	7 \$0.00	
Stranded Cost Charge	\$0.00000		6 \$0.00	16		28		
Storm Recovery Adj. Factor	\$0.00000		7 \$0.00	17		29		
System Benefits Charge	\$0.00000		8 \$0.00	18		30		
- ,o oo oaiye	\$0.00000 \$0.03221		9 \$0.00	19		3′		
Default Service Charge	WO.00221		J 40.00					
Default Service Charge			10 \$0.00	20	\$0.00	.2.	2 S() (1()	
	\$0.03221		10 \$0.00	20 21		32	2 \$0.00	
Default Service Charge	\$0.03221		10 \$0.00	20 21 22	\$0.00	32	2 \$0.00	

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

Residential Rate D 650 kWh Bill

	12/1/2017	12/1/2018					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	Difference	Difference to Total Bill
Overtone of Observe	***	040.40	Ф0.00	045.04	040.40	Ф0.00	0.70/
Customer Charge	\$15.24	\$16.12	\$0.88	\$15.24	\$16.12	\$0.88	0.7%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03682	\$0.03537	(\$0.00145)	\$23.93	\$22.99	(\$0.94)	(0.8%)
External Delivery Charge	\$0.02637	\$0.02389	(\$0.00248)	\$17.14	\$15.53	(\$1.61)	(1.3%)
Stranded Cost Charge	(\$0.00057)	(\$0.00101)	(\$0.00044)	(\$0.37)	(\$0.66)	(\$0.29)	(0.2%)
Storm Recovery Adj.	\$0.00139	\$0.00133	(\$0.00006)	\$0.90	\$0.86	(\$0.04)	(0.0%)
System Benefits Charge	\$0.00357	\$0.00456	\$0.00099	\$2.32	\$2.96	\$0.64	0.5%
Default Service Charge	\$0.10034	<u>\$0.11689</u>	<u>\$0.01655</u>	\$65.22	<u>\$75.98</u>	\$10.76	<u>8.6%</u>
Total kWh Charges	\$0.16792	\$0.18103	\$0.01311				
Total E	Bill			\$124.39	\$133.79	\$9.40	7.6%

	Regular Genera	al G2 Demand,	11 kW, 2,800 k	Wh Typical Bill	ı		
	12/1/2017	12/1/2018					% Difference <u>to</u>
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Total Bill
Customer Charge	\$27.43	\$29.02	\$1.59	\$27.43	\$29.02	\$1.59	0.3%
	<u>All kW</u>	<u>All kW</u>					
Distribution Charge	\$10.35	\$10.45	\$0.10	\$113.85	\$114.95	\$1.10	0.2%
Stranded Cost Charge	<u>(\$0.11)</u>	<u>(\$0.21)</u>	<u>(\$0.10)</u>	<u>(\$1.21)</u>	<u>(\$2.31)</u>	<u>(\$1.10)</u>	<u>(0.2%)</u>
Total kW Charges	\$10.24	\$10.24	(\$0.00)	\$112.64	\$112.64	(\$0.00)	(0.0%)
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.00116	\$0.00000	(\$0.00116)	\$3.25	\$0.00	(\$3.25)	(0.7%)
External Delivery Charge	\$0.02637	\$0.02389	(\$0.00248)	\$73.84	\$66.89	(\$6.94)	(1.4%)
Stranded Cost Charge	(\$0.00011)	(\$0.00021)	(\$0.00010)	(\$0.31)	(\$0.59)	(\$0.28)	(0.1%)
Storm Recovery Adj.	\$0.00139	\$0.00133	(\$0.00006)	\$3.89	\$3.72	(\$0.17)	(0.0%)
System Benefits Charge	\$0.00357	\$0.00456	\$0.00099	\$10.00	\$12.77	\$2.77	0.6%
Default Service Charge	<u>\$0.09381</u>	\$0.10598	\$0.01217	<u>\$262.67</u>	<u>\$296.74</u>	\$34.08	<u>6.9%</u>
Total kWh Charges	\$0.12619	\$0.13555	\$0.00936	\$353.33	\$379.54	\$26.21	5.3%
Total Bi	II			\$493.40	\$521.20	\$27.80	5.6%

^{*} 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	ce Heating 1,6	60 kWh Typical Bi	<u>II_</u>	
	12/1/2017	12/1/2018					%
Rate Components	Current Rate	As Revised	<u>Difference</u>	Current Bill*	As Revised Bill*	<u>Difference</u>	Difference to Total Bill
Customer Charge	\$9.14	\$9.67	\$0.53	\$9.14	\$9.67	\$0.53	0.2%
	<u>\$/kWh</u>	<u>\$/kWh</u>					
Distribution Charge	\$0.03265	\$0.03185	(\$0.00080)	\$54.20	\$52.87	(\$1.33)	(0.5%)
External Delivery Charge	\$0.02637	\$0.02389	(\$0.00248)	\$43.77	\$39.66	(\$4.12)	(1.5%)
Stranded Cost Charge	(\$0.00057)	(\$0.00101)	(\$0.00044)	(\$0.95)	(\$1.68)	(\$0.73)	(0.3%)
Storm Recovery Adj.	\$0.00139	\$0.00133	(\$0.00006)	\$2.31	\$2.21	(\$0.10)	(0.0%)
System Benefits Charge	\$0.00357	\$0.00456	\$0.00099	\$5.93	\$7.57	\$1.64	0.6%
Default Service Charge	\$0.09381	\$0.10598	\$0.01217	<u>\$155.72</u>	<u>\$175.93</u>	\$20.20	<u>7.5%</u>
Total kWh Charges	\$0.15722	\$0.16660	\$0.00938	\$260.99	\$276.56	\$15.57	5.8%
Total Bi	II			\$270.13	\$286.23	\$16.10	6.0%

	Regular General G2 kWh Meter 115 kWh Typical Bill								
	12/1/2017	12/1/2018					% 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	\$18.27	\$1.00	\$17.27	\$18.27	\$1.00	3.0%		
	<u>\$/kWh</u>	<u>\$/kWh</u>							
Distribution Charge	\$0.01556	\$0.00878	(\$0.00678)	\$1.79	\$1.01	(\$0.78)	(2.3%)		
External Delivery Charge Stranded Cost Charge	\$0.02637 (\$0.00057)	\$0.02389 (\$0.00101)	(\$0.00248) (\$0.00044)	\$3.03 (\$0.07)	\$2.75 (\$0.12)	(\$0.29) (\$0.05)	(0.9%) (0.2%)		
Storm Recovery Adj.	\$0.00139	\$0.00133	(\$0.00006)	\$0.16	\$0.15	(\$0.01)	(0.0%)		
System Benefits Charge Default Service Charge	\$0.00357 <u>\$0.09381</u>	\$0.00456 <u>\$0.10598</u>	\$0.00099 <u>\$0.01217</u>	\$0.41 <u>\$10.79</u>	\$0.52 <u>\$12.19</u>	\$0.11 <u>\$1.40</u>	0.3% <u>4.2%</u>		
Total kWh Charges	\$0.14013	\$0.14353	\$0.00340	\$16.11	\$16.51	\$0.39	1.2%		
Total Bill				\$33.38	\$34.78	\$1.39	4.2%		

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

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