CALCULATION OF THE DEFAULT SERVICE CHARGE

	Non-G1 Class Default Service:							
	Power Supply Charge	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Total</u>
1	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	43,012,807	<u>34,741,288</u>	31,662,309	32,849,001	<u>213,553,229</u>
5	Total, Before Losses (L.3 / L.4)	\$0.06912	\$0.06899	\$0.07063	\$0.07154	\$0.07073	\$0.07372	\$0.07074
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))	\$0.07354	\$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
n	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	<u>14,178,510</u>	16,747,872	<u>17,367,926</u>	14,946,721	<u>14,145,927</u>	13,663,893	<u>91,050,850</u>
13	Total, Before Losses (L.11 / L.12)	\$0.06382	\$0.06921	\$0.06799	\$0.06708	\$0.06602	\$0.07146	\$0.06763
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 * (1+L.14)) Total Retail Rate - G2 and OL Fixed Power Supply Charge (L.13 * (1+L.14))	\$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	<u>\$299,339</u>	\$312,826	\$257,430	<u>\$237,331</u>	<u>\$240,979</u>	<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	<u>57,777,491</u>	60,380,734	<u>49,688,009</u>	45,808,236	<u>46,512,894</u>	<u>304,604,079</u>
21 Total, Before Losses (L.19 / L.20)	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338	\$0.00338
22 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>
 23 Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22)) 24 Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22)) 	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360	\$0.00360
TOTAL DEFAULT SERVICE CHARGE							

	TUTAL DEFAULT SERVICE CHARGE							
	Total Retail Rate - Residential Variable Default Service Charge (L.7 + L.23)	\$0.07714	\$0.07700	\$0.07875	\$0.07972	\$0.07885	\$0.08203	
	Total Retail Rate - Residential Fixed Default Service							
1	26 Charge (L.8+L.24)							\$0.07886
	Total Retail Rate - G2 and OL Variable Default Service							
12	27 Charge (L.15 + L.23)	\$0.07150	\$0.07724	\$0.07594	\$0.07497	\$0.07384	\$0.07963	
	Total Retail Rate - G2 and OL Fixed Default Service							
Ľ	28 Charge (L.16+L.24)		***					\$0.07556

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

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

CALCULATION OF THE DEFAULT SERVICE CHARGE

	G1 Class Default Service:	<u>Jun-17</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Oct-17</u>	<u>Nov-17</u>	<u>Total</u>
	Power Supply Charge							
1	Reconciliation							\$117,921
2	Total Costs excl. wholesale supplier charge							<u>\$24,974</u>
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
	Wholesale Supplier Charge Losses Retail Rate - Wholesale Supplier Charge (L.8a * (1+L.8b))	MARKET <u>4.591%</u> MARKET	MARKET <u>4.591%</u> MARKET	MARKET <u>4.591%</u> MARKET	MARKET <u>4.591%</u> MARKET	MARKET <u>4.591%</u> MARKET	MARKET <u>4.591%</u> MARKET	
9	Total Retail Rate - Power Supply Charge (L.7 + L. 8)	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	<u>\$17,054</u>	<u>\$16,891</u>	<u>\$17,784</u>	<u>\$17,683</u>	<u>\$15,237</u>	<u>\$14,610</u>	<u>\$99,259</u>
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>	<u>3,358,649</u>	<u>2,894,145</u>	<u>2,774,962</u>	18,853,229
14	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 + L.16)

MARKET MARKET MARKET MARKET MARKET

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