## SUMMARY OF LOW-INCOME ELECTRIC ASSISTANCE PROGRAM DISCOUNTS

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

				LI-EAP discount Delivery Only; Excludes Supply	LI-EAP discount Fixed Default Service Supply Only	LI-EAP discount Variable Default Service Supply Only					
<u>Tier</u>	Percentage of Federal Poverty <u>Guidelines</u>	Discount (5)	Blocks	Dec 2015 - May 2016 (1)	Dec 2015 - May 2016 (2)	<u>Dec-15 (3)</u>	<u>Jan-16 (3)</u>	<u>Feb-16 (3)</u>	<u>Mar-16 (3)</u>	<u>Apr-16 (3)</u>	<u>May-16 (3)</u>
1 (4)	N/A	N/A									
2	151 - 200	9%	Customer Charge	(\$0.92)							
			First 250 kWh Next 500 kWh Excess 750 kWh	(\$0.00549) (\$0.00594) \$0.00000	(\$0.00847) (\$0.00847) \$0.00000	(\$0.00822) (\$0.00822) \$0.00000	(\$0.01060) (\$0.01060) \$0.00000	(\$0.01049) (\$0.01049) \$0.00000	(\$0.00831) (\$0.00831) \$0.00000	(\$0.00647) (\$0.00647) \$0.00000	(\$0.00547) (\$0.00547) \$0.00000
3	126 - 150	23%	Customer Charge	(\$2.36)							
			First 250 kWh Next 500 kWh Excess 750 kWh	(\$0.01404) (\$0.01519) \$0.00000	(\$0.02164) (\$0.02164) \$0.00000	(\$0.02100) (\$0.02100) \$0.00000	(\$0.02710) (\$0.02710) \$0.00000	(\$0.02680) (\$0.02680) \$0.00000	(\$0.02124) (\$0.02124) \$0.00000	(\$0.01652) (\$0.01652) \$0.00000	(\$0.01398) (\$0.01398) \$0.00000
4	101 - 125	37%	Customer Charge	(\$3.80)							
			First 250 kWh Next 500 kWh Excess 750 kWh	(\$0.02258) (\$0.02443) \$0.00000	(\$0.03481) (\$0.03481) \$0.00000	(\$0.03378) (\$0.03378) \$0.00000	(\$0.04359) (\$0.04359) \$0.00000	(\$0.04311) (\$0.04311) \$0.00000	(\$0.03417) (\$0.03417) \$0.00000	(\$0.02658) (\$0.02658) \$0.00000	(\$0.02249) (\$0.02249) \$0.00000
5	76 - 100	53%	Customer Charge	(\$5.44)							
			First 250 kWh Next 500 kWh Excess 750 kWh	(\$0.03235) (\$0.03500) \$0.00000	(\$0.04987) (\$0.04987) \$0.00000	(\$0.04838) (\$0.04838) \$0.00000	(\$0.06244) (\$0.06244) \$0.00000	(\$0.06175) (\$0.06175) \$0.00000	(\$0.04895) (\$0.04895) \$0.00000	(\$0.03808) (\$0.03808) \$0.00000	(\$0.03222) (\$0.03222) \$0.00000
6	0 - 75	77%	Customer Charge	(\$7.91)							
			First 250 kWh Next 500 kWh Excess 750 kWh	(\$0.04700) (\$0.05085) \$0.00000	(\$0.07245) (\$0.07245) \$0.00000	(\$0.07029) (\$0.07029) \$0.00000	(\$0.09072) (\$0.09072) \$0.00000	(\$0.08971) (\$0.08971) \$0.00000	(\$0.07112) (\$0.07112) \$0.00000	(\$0.05532) (\$0.05532) \$0.00000	(\$0.04681) (\$0.04681) \$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.

(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 May 1, 2014 and in effect for 24 months in accordance with Order No. 25-643 in DE 14-078. UES received a waiver to implement these on May 1, 2014.

Authorized by NHPUC Order No. 25,823 in Case No. DE 15-079, dated October 9, 2015

## CALCULATION OF THE DEFAULT SERVICE CHARGE

	Non-G1 Class Default Service:							
	Downer Sumaly Change	Dec-15	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Total</u>
	Power Supply Charge							
1	Residential Class Reconciliation	(\$22,771)	(\$23,994)	(\$22,645)	(\$20,346)	(\$18,419)	(\$17,130)	(\$125,304)
2	Total Costs	\$3,480,619	\$4,594,771	\$4,285,670	\$3,015,924	\$2,088,170	\$1,620,290	\$19,085,444
3	Reconciliation plus Total Costs (L.1 + L.2)	\$3,457,848	\$4,570,777	\$4,263,024	\$2,995,578	\$2,069,751	\$1,603,160	\$18,960,140
4	kWh Purchases	41,166,605	43,378,451	40,940,235	36,783,642	33,298,924	<u>30,968,524</u>	226,536,380
5	Total, Before Losses (L.3 / L.4)	\$0.08400	\$0.10537	\$0.10413	\$0.08144	\$0.06216	\$0.05177	\$0.08370
6	Losses	<u>6.40%</u>	6.40%	<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 $(L.5 * (1+L.6))$	\$0.08937	\$0.11211	\$0.11079	\$0.08665	\$0.06613	\$0.05508	\$0.08905
9	G2 and OL Class Reconciliation	(\$8,933)	(\$9,194)	(\$9,186)	(\$9,169)	(\$8,602)	(\$8,287)	(\$53,370)
10	Total Costs	\$1,367,153	\$1,743,727	\$1,713,255	\$1,337,392	\$952,131	\$763,851	\$7,877,509
11	Reconciliation plus Total Costs (L.9 + L.10)	\$1,358,220	\$1,734,533	\$1,704,069	\$1,328,223	\$943,529	\$755,564	\$7,824,139
12	kWh Purchases	16,152,651	16,623,879	16,609,176	16,578,365	15,552,653	14,983,185	<u>96,499,908</u>
13	Total, Before Losses (L.11 / L.12)	\$0.08409	\$0.10434	\$0.10260	\$0.08012	\$0.06067	\$0.05043	\$0.08108
14	Losses	<u>6.40%</u>	6.40%	6.40%	<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))	\$0.08947	\$0.11102	\$0.10916	\$0.08525	\$0.06455	\$0.05365	\$0.08627

Renewable Portfolio Standard (RPS) Charge							
17 Reconciliation	(\$90,817)	(\$95,068)	(\$91,182)	(\$84,547)	(\$77,401)	(\$72,806)	(\$511,822)
18 Total Costs	<u>\$194,365</u>	<u>\$417,212</u>	<u>\$400,160</u>	<u>\$371,049</u>	<u>\$339,688</u>	<u>\$319,525</u>	<u>\$2,042,000</u>
19 Reconciliation plus Total Costs (L.17 + L.18)	\$103,548	\$322,144	\$308,978	\$286,502	\$262,287	\$246,719	\$1,530,178
20 kWh Purchases	<u>57,319,256</u>	60,002,329	<u>57,549,411</u>	<u>53,362,007</u>	48,851,576	45,951,709	323,036,288
21 Total, Before Losses (L.19 / L.20)	\$0.00181	\$0.00537	\$0.00537	\$0.00537	\$0.00537	\$0.00537	\$0.00474
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>
<ul> <li>23 Total Retail Rate - Variable RPS Charge (L.21 * (1+L.22))</li> <li>24 Total Retail Rate - Fixed RPS Charge (L.21 * (1+L.22))</li> </ul>	\$0.00192	\$0.00571	\$0.00571	\$0.00571	\$0.00571	\$0.00571	\$0.00504

TOTAL DEFAULT SERVICE CHARGE							
Total Retail Rate - Residential Variable Default Service 25 Charge (L.7 + L.23)	\$0.09129	\$0.11782	\$0.11650	\$0.09236	\$0.07184	\$0.06079	
Total Retail Rate - Residential Fixed Default Service 26 Charge (L.8+L.24)							\$0.09409
Total Retail Rate - G2 and OL Variable Default Service 27 Charge (L.15 + L.23) Total Retail Rate - G2 and OL Fixed Default Service	\$0.09139	\$0.11673	\$0.11487	\$0.09096	\$0.07026	\$0.05936	
28 Charge (L.16+L.24)							\$0.09131

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

## CALCULATION OF THE DEFAULT SERVICE CHARGE

	G1 Class Default Service:	Dec 15	Inc. 16	E-h 1(	Mar 16	A 16	Mar. 16	T-4-1
		<u>Dec-15</u>	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>	<u>Total</u>
	Power Supply Charge							
1	Reconciliation							(\$217,072)
2	Total Costs excl. wholesale supplier charge							<u>\$21,966</u>
3	Reconciliation plus Total Costs excl. wholesale supplier charge $(L.1 + L.2)$							(\$195,105)
4	kWh Purchases							<u>20,996,111</u>
5	Total, Before Losses (L.3 / L.4)							(\$0.00929)
6	Losses							4.591%
7	Power Supply Charge excl. wholesale supplier charge (L.5 * (1+L.6)) (2)	(\$0.00972)	(\$0.00972)	(\$0.00972)	(\$0.00972)	(\$0.00972)	(\$0.00972)	(\$0.00972)
	Wholesale Supplier Charge Losses Retail Rate - Wholesale Supplier Charge (L.8a *	MARKET <u>4.591%</u>	MARKET <u>4.591%</u>	MARKET <u>4.591%</u>	MARKET <u>4.591%</u>	MARKET <u>4.591%</u>	MARKET <u>4.591%</u>	
Ū	(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	(\$6,910)	(\$6,630)	(\$6,718)	(\$7,010)	(\$6,565)	(\$6,799)	(\$40,632)
11	Total Costs	<u>\$12,319</u>	<u>\$24,237</u>	<u>\$24,558</u>	<u>\$25,625</u>	<u>\$23,999</u>	<u>\$24,856</u>	<u>\$135,593</u>
12	Reconciliation plus Total Costs (L.10+ L.11)	\$5,409	\$17,607	\$17,840	\$18,615	\$17,434	\$18,057	\$94,961
13	kWh Purchases	<u>3,570,608</u>	3,426,028	<u>3,471,343</u>	3,622,174	<u>3,392,414</u>	<u>3,513,544</u>	20,996,111
14	Total, Before Losses (L.12 / L.13)	\$0.00151	\$0.00514	\$0.00514	\$0.00514	\$0.00514	\$0.00514	
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))	\$0.00158	\$0.00538	\$0.00538	\$0.00538	\$0.00538	\$0.00538	
	TOTAL DEFAULT SERVICE CHARGE							
17	Total Retail Rate - Default Service Charge (L.9 +							

17 Total Retail Rate - Default Service Charge (L.9 + L.16)

MARKET MARKET MARKET MARKET MARKET

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