

Attachment 1

Cunningham Schedules

<u>Schedule and Page Number</u>	<u>Description</u>
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Summary of Lost Revenue for 2018 - Electric Utility C&I Class
Proposed vs. Staff Recommended

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Electric Utility - C&I Class	Proposed "Combined" (kWh + kW) Total	Staff Recommendation			Variance
		"Separate" kWh	"Separate" kW	Total	
Eversource	\$ 1,615,009	\$ 630,622	\$ 497,955	\$ 1,128,577	\$ (486,432)
Liberty	\$ 187,021	\$ 60,043	\$ 56,536	\$ 116,579	\$ (70,442)
Unitil	\$ 252,605	\$ 8,804	\$ 127,756	\$ 136,559	\$ (116,046)
Total	\$ 2,054,635	\$ 699,469	\$ 682,247	\$ 1,381,715	\$ (672,920)

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Calculation of Lost Revenue for 2018 - Electric Utility C&I Class
 Proposed vs. Staff Recommended

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Electric Utility - C&I Class	Proposed (a)	Staff Recommendation (b)			Variance
	"Combined" (kWh + kW) Total	"Separate" kWh	"Separate" kW	Total	
Eversource (Schedule JJC-1, p. 3 of 6)					
Savings Attributed to C&I Energy Efficiency Programs	63,284,052	63,284,052	82,963		
Average Distribution Rate	\$ 0.02552	\$ 0.00996	\$ 6.00212		
Lost Revenue	\$ 1,615,009	\$ 630,622	\$ 497,955	\$ 1,128,577	\$ (486,432)
Liberty (Schedule JJC-1, p. 4 of 6)					
Savings Attributed to C&I Energy Efficiency Programs	6,662,665	6,662,665	8,800		
Average Distribution Rate	\$ 0.02807	\$ 0.00901	\$ 6.42482		
Lost Revenue	\$ 187,021	\$ 60,043	\$ 56,536	\$ 116,579	\$ (70,442)
Unitil (Schedule JJC-1, p. 5 of 6)					
Savings Attributed to C&I Energy Efficiency Programs	8,011,576	8,011,576	14,060		
Average Distribution Rate	\$ 0.03153	\$ 0.00110	\$ 9.086		
Lost Revenue	\$ 252,605	\$ 8,804	\$ 127,756	\$ 136,559	\$ (116,046)
Lost Revenue	\$ 2,054,635	\$ 699,469	\$ 682,247	\$ 1,381,715	\$ (672,920)
(a) Proposed amount utilizes a "combined" average distribution rate to calculate lost revenue: Formula: kWh savings attributed to installed energy efficiency measures x "combined" average distribution rate (b) Staff recommended amount utilizes "separate" average distribution rates to calculate lost revenue: Formula: kWh Component: kWh savings attributed to installed energy efficiency measures x "separate" kWh average distribution rate. kW Component: kW savings attributed to installed energy efficiency measures x "separate" kW average distribution rate. Total = kWh component + kW component					

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Calculation of Average Distribution Rates for 2018 - Eversource - C&I Class
 Proposed vs. Staff Recommended

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Eversource - C&I Class		Proposed (Bates 251-252)			Staff Recommended		
		kWh component (a)	kW Component	"Combined"	kWh component (a)	kW Component	Total
Rate G	Revenue	\$ 31,157,773	\$ 35,750,010		\$ 31,157,773	\$ 35,750,010	
	Ann. Bill. Det.	1,742,775,528	4,109,352		1,742,775,528	4,109,352	
	Rate	\$ 0.01788	\$ 8.700		\$ 0.01788	\$ 8.700	
Rate GV	Revenue	\$ 9,828,537	\$ 22,957,556		\$ 9,828,537	\$ 22,957,556	
	Ann. Bill. Det.	1,658,400,440	4,250,662		1,658,400,440	4,250,662	
	Rate	\$ 0.00593	\$ 5.401		\$ 0.00593	\$ 5.401	
Rate LG	Revenue	\$ 5,801,963	\$ 14,344,710		\$ 5,801,963	\$ 14,344,710	
	Ann. Bill. Det.	1,294,112,215	3,811,064		1,294,112,215	3,811,064	
	Rate	\$ 0.00448	\$ 3.764		\$ 0.00448	\$ 3.764	
Average Distribution Rate	Revenue	\$ 46,788,273	\$ 73,052,276	\$ 119,840,549	\$ 46,788,273	\$ 73,052,276	
	Ann. Bill. Det.	4,695,288,183	12,171,078	4,695,288,183	4,695,288,183	12,171,078	
	Rate	\$ 0.00996	\$ 6.002	\$ 0.02552	\$ 0.00996	\$ 6.002	n/a
(a) Revenue excludes customer, meter, luminaire charges.							

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Calculation of Average Distribution Rates for 2018 - Liberty - C&I Class
 Proosed vs. Staff Recommended

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Liberty - C&I Class			Proposed (Bates 287-288)			Staff Recommended		
			kWh component (a)	kW Component	Total	kWh component (a)	kW Component	Total
<u>C&I Class:</u>								
G-1	Revenue		\$ 1,209,752	\$ 7,766,789		\$ 1,209,752	\$ 7,766,789	
	Ann. Bill. Det.		384,717,542	1,336,414		384,717,542	1,336,414	
	Rate		\$ 0.0031	\$ 5.812		\$ 0.0031	\$ 5.812	
G-2	Revenue		\$ 310,064	\$ 4,238,480		\$ 310,064	\$ 4,238,480	
	Ann. Bill. Det.		155,032,095	532,162		155,032,095	532,162	
	Rate		\$ 0.0020	\$ 7.965		\$ 0.0020	\$ 7.965	
G-3	Revenue		\$ 4,143,452			\$ 4,143,452		
	Ann. Bill. Det.		90,016,335			90,016,335		
	Rate		\$ 0.0460			\$ 0.0460		
V	Revenue		\$ 14,962			\$ 14,962		
	Ann. Bill. Det.		316,195			316,195		
	Rate		\$ 0.0473			\$ 0.0473		
Average Distribution Rate	Revenue		\$ 5,678,230	\$ 12,005,269	\$ 17,683,499	\$ 5,678,230	\$ 12,005,269	
	Ann. Bill. Det.		630,082,167	1,868,576	630,082,167	630,082,167	1,868,576	
	Rate		\$ 0.0090	\$ 6.425	\$ 0.02807	\$ 0.0090	\$ 6.425	n/a
(a) Excludes Customer, Meter, Luminaire charges.								

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Calculation of Average Distribution Rates for 2018 - Unitil - C&I Class
 Proposed vs. Staff Recommended

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Unitil - C&I Class		Proposed (Bates 346)			Staff Recommended		
		kWh component (a)	kW Component (a)	Total	kWh component (a)	kW Component	Total
<u>C&I Class:</u>							
G-1	Revenue	\$ 202,817	\$ 7,589,547		\$ 202,817	\$ 7,589,547	
	Ann. Bill. Det.	353,924,392	1,022,850		353,924,392	1,022,850	
	Rate	\$ 0.0006	\$ 7.420		\$ 0.0006	\$ 7.420	
G-2	Revenue	\$ 575,262	\$ 13,957,555		\$ 575,262	\$ 13,957,555	
	Ann. Bill. Det.	354,161,409	1,348,556		354,161,409	1,348,556	
	Rate	\$ 0.0016	\$ 10.350		\$ 0.0016	\$ 10.350	
Average Distribution Rate	Revenue	\$ 778,079	\$ 21,547,102	\$ 22,325,181	\$ 778,079	\$ 21,547,102	
	Ann. Bill. Det.	708,085,801	2,371,406	708,085,801	708,085,801	2,371,406	
	Rate	\$ 0.0011	\$ 9.086	\$ 0.03153	\$ 0.0011	\$ 9.086	n/a
(a) kWh revenue excludes customer, meter, luminaire charges. kW demand is assumed to be equivalent to "kVa demand" for purposes of calculating rate per kW; however, kW may need to be adjusted to reflect metered demand which is measured in kVA.							

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Summary of kWh and kW Savings - Electric Utility C&I Class

Schedule JJC-1

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C&I Class	Footnote Reference	kWh	kW *
Eversource	a	63,284,052	82,963
Liberty	b	6,662,665	8,800
Unitil	c	8,011,576	14,060
<p>(a) kWh: Filing at page 245: \$1,615,009 lost revenue (line 11) / \$0.02552 per kWh (line 10) = 63,284,052 kWh. kW: Year 2017 of 3,870.1 + Year 2018 of 6,213.0 (Bates 217) x 50% * = 6,913 kW (annualized x 12) = 82,963.2 kW.</p> <p>(b) kWh: Filing at page 282: \$187,021 lost revenue (line 11) / \$0.02807 per kWh (line 10) = 6,662,665 kWh. kW: Year 2017 of 406.9 + Year 2018 of 652.8 (Bates 255) x 50% * = 733.3 kW (annualized x 12) = 8,799.6 kW.</p> <p>(c) kWh: Filing at page 341: \$252,605 (line11) / \$0.03153 per kWh (line 10) = 8,011,576 kWh. kW: Year 2017 of 848.2 + Year 2018 of 647.0 (Bates 314) x 50% * = 1,171.7 kW (annualized x 12) = 14,060.4 kW</p> <p>* Assumes est. 50% of targeted savings for current year (2018) are actually "installed" - i.e., January installations provide savings for 12 months; February savings provide savings for 11 months, etc.</p>			