

Fuel Clause Rider - Fuel Adjustment Factor Calculation

		SERVICE CATEGORY					
		Residential	C&I Non-Dmd	C&I Demand	Outdoor Lighting	RETAIL	
STEP 1: CLASS RATIOS							
1.	Hourly Marginal Energy Costs x Hourly Loads*	\$33,423,026	\$3,461,556	\$53,332,054	\$470,614	\$90,687,250	
2.	MWh Energy at Generator	821,018	86,970	1,338,647	14,615	2,261,251	
3.	Load-Weighted Marginal Energy Cost /MWh =(1)/(2)	\$40.709	\$39.802	\$39.840	\$32.201	\$40.105	
4.	Class Ratio (Class Unit Cost / Retail Unit Cost)	1.0151	0.9924	0.9934	0.8029	1.0000	
STEP 2: C&I DEMAND TOD RATIOS							
			Non-TOD	On-Peak	Off-Peak		
5.	Ratio of On-Peak to Off-Peak System Weighted Marginal Energy Costs			1.4137			
6.	C&I Demand Class Time-of-Day Percentages from 8760 loads			0.4287	0.5713		
7.	C&I Demand TOD On-Peak Ratio = 1 / (0.4287 + (0.5713 / 1.414)) **			1.2007			
8.	C&I Demand TOD Off-Peak Ratio = 1 / ((1.414 x 0.4287) + 0.5713) **				0.8494		
9.	C&I Demand Non-TOD On-Peak Weighting		0.4639				
10.	C&I Demand Non-TOD Off-Peak Weighting		0.5361				
11.	C&I Demand Non-TOD Ratio = (0.4639 x 1.2007) + (0.5361 x 0.8494)		1.0124				
STEP 3: FUEL ADJUSTMENT FACTOR							
12.	FAF = Step 1, or for C&I Demand, Step 1 x Step 2	1.0151 (4)	0.9924 (4)	1.0057 (4) x (11)	1.1928 (4) x (7)	0.8438 (4) x (8)	0.8029 (4)

* E8760 Allocator = Sum of Hourly System Marginal Costs times Hourly Class Loads

** Based on C&I Demand Weighted Average = (42.87% class on-peak x on-peak charge) + (57.13% class off-peak x off-peak charge)