

From Gas Cost Sub-Report	TOTAL	Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service
Total Gas Costs										
1 Demand	\$ 99,586,740	\$ 66,621,519	\$ 24,005,145	\$ 3,688,742	\$ 1,088,142	\$ 1,433,856	\$ 2,646,575	\$ 74,147	\$ 24,336	\$ 4,278
2 Commodity	\$ 269,571,588	\$ 163,526,709	\$ 65,678,713	\$ 12,216,236	\$ 5,462,582	\$ 8,022,182	\$ 14,635,661	\$ 8,596	\$ 2,821	\$ 18,088
3 Secondary Credit	\$ (11,704,875)	\$ (6,958,428)	\$ (2,810,067)	\$ (649,705)	\$ (268,696)	\$ (311,732)	\$ (705,447)	\$ -	\$ -	\$ (800)
4 Total	\$ 357,453,453	\$ 223,189,800	\$ 86,873,791	\$ 15,255,273	\$ 6,282,028	\$ 9,144,306	\$ 16,576,789	\$ 82,743	\$ 27,157	\$ 21,566

Demand ANALYSIS	TOTAL	Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service
5 Annual Therms	1,022,317,997	471,059,344	199,119,941	53,061,652	23,062,431	25,430,722	61,039,920	142,657,890	46,821,465	64,632
6 Sales CD	34,011				9,679	21,388	2,944			
7 Pk Day (Ave Jan for 41,85,86,87)		5,114,197	1,701,615	163,406	81,284	150,873	119,628			165
8 Annual Load Factor		25%	32%	89%	78%	46%	140%			107%
9 Proposed CD Dem Chg/Mo.				\$ 1.30	\$ 1.00	\$ 1.00	\$ 5.00			
10 CD Annual Rev.	\$ 3,098,578	0	0	\$ 2,549,134	\$ 116,148	\$ 256,656	\$ 176,640	0	0	0
11 imputed CD annual unit rate				\$ 0.04804	\$ 0.00504	\$ 0.01009	\$ 0.00289			
12 Demand Cost Remainder after CD	\$ 96,488,162	\$ 66,621,519	\$ 24,005,145	\$ 1,139,608	\$ 971,994	\$ 1,177,200	\$ 2,469,935	\$ 74,147	\$ 24,336	\$ 4,278
13 Dem. Amt proposed in COSS	\$ 99,586,740	\$ 66,621,519	\$ 24,005,145	\$ 3,688,742	\$ 1,088,142	\$ 1,433,856	\$ 2,646,575	\$ 74,147	\$ 24,336	\$ 4,278
14 Proposed (COSS) Demand unit rate		\$ 0.14143	\$ 0.12056	\$ 0.02148	\$ 0.04215	\$ 0.04629	\$ 0.04046	\$ 0.00052	\$ 0.00052	\$ 0.06619
15 Proposed Demand %		100.0%	85.2%	15.2%	29.8%	32.7%	28.6%			46.8%
16 Total Average Demand unit				\$ 0.06952	\$ 0.04719	\$ 0.05638	\$ 0.04335			
17 Average Dem %				49.2%	33.4%	39.9%	30.7%			
Compare to:										
18 Dem. Amt using Current Method	\$ 99,586,753	\$ 63,384,364	\$ 24,147,122	\$ 3,602,879	\$ 2,271,101	\$ 2,632,902	\$ 3,465,986	59,916.31	19,665.02	\$ 2,816
19 Current Demand unit rate		\$ 0.13456	\$ 0.12127	\$ 0.06790	\$ 0.09344	\$ 0.09344	\$ 0.05620	\$ 0.00042	\$ 0.00042	\$ 0.04357
20 Current Demand %		100.0%	90.1%	50.5%	69.4%	69.4%	41.8%			32.4%
21 Total Average Demand unit					\$ 0.09848	\$ 0.10353	\$ 0.05678			
22 Average Dem %					73.2%	76.9%	42.2%			
Conclusion : Use Demand Allocation per COSS										

DEMAND RATES	Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service
23 Demand Charge Rate - before tax	n/a	n/a	\$ 1.30	\$ 1.00	\$ 1.00	\$ 5.00	n/a	n/a	n/a
24 Unit Demand Rate - before tax	\$ 0.14143	\$ 0.12056	\$ 0.02148	\$ 0.04215	\$ 0.04629	\$ 0.04046	\$ 0.00052	\$ 0.00052	\$ 0.06619
25 RS 16 before tax	\$ 2.69								

Comm.and Sec.Credit ANALYSIS											
	TOTAL	Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service	
1	Comm & SecCredit Amt using COSS	\$ 257,866,713	\$ 156,568,281	\$ 62,868,646	\$ 11,566,531	\$ 5,193,886	\$ 7,710,450	\$ 13,930,214	\$ 8,596	\$ 2,821	\$ 17,288
2	COSS Comm. unit rate	\$ 0.25224	\$ 0.33237	\$ 0.31573	\$ 0.21798	\$ 0.22521	\$ 0.30319	\$ 0.22821	\$ 0.00006	\$ 0.00006	\$ 0.26748
3	COSS Comm. %		100.0%	95.0%	65.6%	67.8%	91.2%	68.7%			80.5%
Compare to:											
4	Comm& SecCreditAmt using Current	\$ 257,866,713	\$ 145,844,754	\$ 61,649,555	\$ 16,428,426	\$ 7,140,363	\$ 7,873,610	\$ 18,898,579	\$ 8,596	\$ 2,821	\$ 20,011
5	Current Comm. unit rate	\$	\$ 0.30961	\$ 0.30961	\$ 0.30961	\$ 0.30961	\$ 0.30961	\$ 0.30961	\$ 0.00006	\$ 0.00006	\$ 0.30961
6	Current Comm. %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			100.0%
Compare to:											
7	Comm. Amt using Mo Rates	\$ 257,866,713	\$ 150,814,730	\$ 62,111,208	\$ 13,977,960	\$ 6,351,212	\$ 7,871,848	\$ 16,709,675	\$ 8,596	\$ 2,821	\$ 18,663
8	Proposed Comm average rate using Mo.PGA	\$	\$ 0.32016	\$ 0.31193	\$ 0.26343	\$ 0.27539	\$ 0.30954	\$ 0.27375	\$ 0.00006	\$ 0.00006	\$ 0.28876
9	Proposed Comm. %		100.0%	97.4%	82.3%	86.0%	96.7%	85.5%			90.2%

Conclusion : Use Comm & Sec.Credit Allocation resulting from Monthly PGA (approx 1/2 way between current and COSS method)

Total ANALYSIS											
		Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service	
10	COSS Dem & Comm (incl CD)	\$	\$ 0.47380	\$ 0.43629	\$ 0.28750	\$ 0.27240	\$ 0.35958	\$ 0.27157	\$ 0.00058	\$ 0.00058	\$ 0.33367
11			100.0%	92.1%	60.7%	57.5%	75.9%	57.3%			70.4%
Compare to:											
12	Current Dem & Comm (incl CD)	\$	\$ 0.44417	\$ 0.43088	\$ 0.37751	\$ 0.40809	\$ 0.41314	\$ 0.36639	\$ 0.00048	\$ 0.00048	\$ 0.35318
13			100.0%	97.0%	85.0%	91.9%	93.0%	82.5%			79.5%
Compare to:											
14	Proposed Dem & Comm (incl CD) using Mo.PGA	\$	\$ 0.46159	\$ 0.43249	\$ 0.33295	\$ 0.32258	\$ 0.36592	\$ 0.31710	\$ 0.00058	\$ 0.00058	\$ 0.35495
15			100.0%	93.7%	72.1%	69.9%	79.3%	68.7%			76.9%

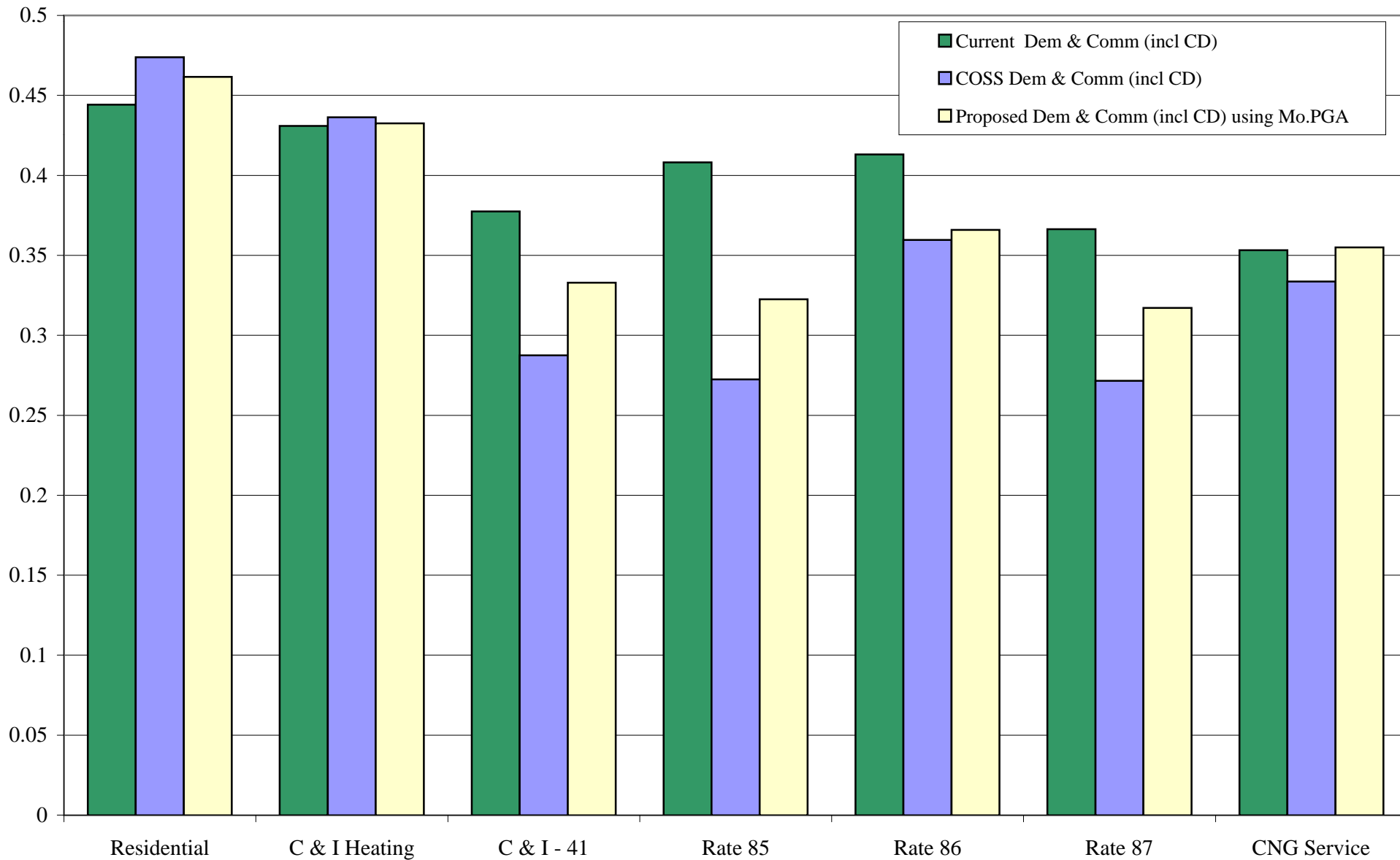
Conclusion : Use Demand Allocation from COSS and Comm & Sec.Credit Allocation resulting from Monthly PGA

MONTHLY RATES: Commodity / Secondary Market Credit

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
16	Commodity	\$ 0.36481	\$ 0.40070	\$ 0.38611	\$ 0.36942	\$ 0.35153	\$ 0.26017	\$ 0.25511	\$ 0.24514	\$ 0.16334	\$ 0.15614	\$ 0.18065	\$ 0.25416
17	Sec.Mkt.Credit	\$ (0.00848)	\$ (0.00479)	\$ (0.00582)	\$ (0.00961)	\$ (0.00854)	\$ (0.00776)	\$ (0.01085)	\$ (0.03104)	\$ (0.04977)	\$ (0.08529)	\$ (0.04694)	\$ (0.02005)
18		\$ 0.35633	\$ 0.39591	\$ 0.38029	\$ 0.35981	\$ 0.34299	\$ 0.25241	\$ 0.24426	\$ 0.21410	\$ 0.11357	\$ 0.07085	\$ 0.13371	\$ 0.23411
For RS 16													
19		\$ 6.93	\$ 7.61	\$ 7.34	\$ 7.02	\$ 6.68	\$ 4.94	\$ 4.85	\$ 4.66	\$ 3.10	\$ 2.97	\$ 3.43	\$ 4.83
20		\$ (0.16)	\$ (0.09)	\$ (0.11)	\$ (0.18)	\$ (0.16)	\$ (0.15)	\$ (0.21)	\$ (0.59)	\$ (0.95)	\$ (1.62)	\$ (0.89)	\$ (0.38)

Resulting Gas Cost Recoveries											
	TOTAL	Residential	C & I Heating	C & I - 41	Rate 85	Rate 86	Rate 87	Rate 57	Transport Contracts	CNG Service	
21	Demand CD	\$ 3,098,578	\$ -	\$ -	\$ 2,549,134	\$ 116,148	\$ 256,656	\$ 176,640	\$ -	\$ -	\$ -
22	Demand Volumetric	\$ 96,488,162	\$ 66,621,519	\$ 24,005,145	\$ 1,139,608	\$ 971,994	\$ 1,177,200	\$ 2,469,935	\$ 74,147	\$ 24,336	\$ 4,278
23	Commodity (Mo.Volumetric)	\$ 257,866,713	\$ 150,814,730	\$ 62,111,208	\$ 13,977,960	\$ 6,351,212	\$ 7,871,848	\$ 16,709,675	\$ 8,596	\$ 2,821	\$ 18,663
24	Total	\$ 357,453,453	\$ 217,436,249	\$ 86,116,353	\$ 17,666,702	\$ 7,439,354	\$ 9,305,704	\$ 19,356,250	\$ 82,743	\$ 27,157	\$ 22,941

Current & Proposed PGA Gas Cost Recovery - Total Rate



Annual Demand / Monthly Commodity , showing effect of Secondary Credit

