

FUNCTIONAL COST STUDY
SUMMARY OF RESULTS

Line

No.	Description	System Total	Delivery Costs	Production & Storage	Misc	Production Costs
	(A)	(B)	(C)	(D)	(E)	(F)
Rate Base						
1	Plant in Service	\$ 818,583,027	\$ 799,036,677	\$ 19,546,350	\$ -	\$ 19,546,350
2	Accumulated Reserve	(188,019,704)	(183,284,438)	(4,735,266)	-	(4,735,266)
3	Other Rate Base Items	(102,622,281)	(101,048,193)	(1,597,008)	22,919	(1,574,088)
4	Total Rate Base	\$ 527,941,042	\$ 514,704,046	\$ 13,214,077	\$ 22,919	\$ 13,236,996
Revenues at Current Rates						
5	Sales Revenue	\$ 100,446,732	\$ 96,553,144	\$ 3,893,588	\$ -	\$ 3,893,588
6	Miscellaneous Revenues	2,679,566	2,645,923	31,685	1,958	33,643
7	Total Revenues	\$ 103,126,298	\$ 99,199,067	\$ 3,925,273	\$ 1,958	\$ 3,927,231
Expenses at Current Rates						
8	Operations & Maintenance Expenses	\$ 37,835,575	\$ 33,754,549	\$ 3,692,448	\$ 388,578	\$ 4,081,026
9	Depreciation Expense	24,541,752	23,637,282	900,697	3,773	904,470
10	Taxes Other Than Income Taxes	16,677,157	16,178,426	498,731	-	498,731
11	Interest on Customer Deposits	-	-	-	-	-
12	Total Expenses - Current	\$ 79,054,484	\$ 73,570,256	\$ 5,091,876	\$ 392,351	\$ 5,484,227
13	Total Income Taxes	\$ 3,656,608	\$ 4,147,293	\$ (385,333)	\$ (105,352)	\$ (490,685)
14	Current Operating Income	\$ 20,415,206	\$ 21,481,517	\$ (781,270)	\$ (285,041)	\$ (1,066,311)
15	Return at Current Rates	3.87%	4.17%	-5.91%	-1243.67%	-8.06%
16	Index Rate of Return	1.00	1.08	(1.53)	(321.61)	(2.08)
Revenue Requirement at Equal Rates of Return						
17	Required Return	7.68%	7.68%	7.68%	7.68%	7.68%
18	Required Operating Income	\$ 40,545,872	\$ 39,529,271	\$ 1,014,841	\$ 1,760	\$ 1,016,601
19	Operating Income (Deficiency)/Surplus	\$ (20,130,666)	\$ (18,047,754)	\$ (1,796,111)	\$ (286,801)	\$ (2,082,912)
Expenses at Required Return						
20	Operations & Maintenance Expenses	\$ 37,835,575	\$ 33,754,549	\$ 3,692,448	\$ 388,578	\$ 4,081,026
21	Depreciation Expense	24,541,752	23,637,282	900,697	3,773	904,470
22	Taxes Other than Income	16,677,157	16,178,426	498,731	-	498,731
23	Interest on Customer Deposits	-	-	-	-	-
24	Total Expenses Required	\$ 79,054,484	\$ 73,570,256	\$ 5,091,876	\$ 392,351	\$ 5,484,227
25	Income Taxes	\$ 11,075,779	\$ 10,798,805	\$ 276,624	\$ 349	\$ 276,973
26	Total Revenue Requirement at Equal Return	\$ 130,676,134	\$ 123,898,333	\$ 6,383,342	\$ 394,460	\$ 6,777,802
27	Revenue (Deficiency)/Surplus	\$ (27,549,837)	\$ (24,699,266)	\$ (2,458,069)	\$ (392,502)	\$ (2,850,571)

**FUNCTIONAL COST STUDY
INDIRECT DETAIL**

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Line No.	Description	LPG & LNG Costs	Misc. Production Costs	Bad Debts Excl. LPG & LNG	Gas Cost Working Capital	Total Indirect Costs
	(A)	(B)	(C)	(D)	(E)	(F)
Summary of Results at Present Rates						
Rate Base						
1	Gas Plant in Service	\$ 19,546,350	\$ -	\$ -	\$ -	\$ 19,546,350
2	Accumulated Reserve	(4,735,266)	-	-	-	(4,735,266)
3	Net Utility Plant in Service	\$ 14,811,085	\$ -	\$ -	\$ -	\$ 14,811,085
Other Rate Base Items:						
4	Fuel Stock	\$ -	\$ -	\$ -	\$ -	\$ -
5	Materials and Supplies	115,874	\$ -	\$ -	\$ -	115,873.62
6	Gas Stored Underground	-	-	-	-	-
7	LNG Inventory	-	-	-	-	-
8	Cash Working Capital	244,953	22,919	-	-	267,872
9	Regulatory Assets	226,087				226,087
10	Accumulated Deferred Income Taxes	(1,518,687)	-	-	-	(1,518,687)
11	Excess Accum. Deferred Income Taxes	(665,235)	-	-	-	(665,235)
12	Total Rate Base	\$ 13,214,077	\$ 22,919	\$ -	\$ -	\$ 13,236,996
Revenues						
13	Total Sales Revenue	\$ 3,893,588	\$ -	\$ -	\$ -	\$ 3,893,588
14	Other Operating Revenues	31,685	1,958	-	-	33,643
15	Total Operating Revenues	\$ 3,925,273	\$ 1,958	\$ -	\$ -	\$ 3,927,231
Expenses						
16	Purchased Gas Costs	\$ -	\$ -	\$ -	\$ -	\$ -
17	Other O&M excl. Uncollectible	3,597,871	382,734	-	-	3,980,605
18	Uncollectible Expense	94,577	-	5,844	-	100,422
19	Depreciation Expense	900,697	3,773	-	-	904,470
20	Other Taxes	498,731	-	-	-	498,731
21	Income Taxes	(385,333)	(103,778)	(1,574)	-	(490,685)
22	Total Operating Expenses	\$ 4,706,543	\$ 282,728	\$ 4,271	\$ -	\$ 4,993,542
23	Operating Income	\$ (781,270)	\$ (280,770)	\$ (4,271)	\$ -	\$ (1,066,311)
24	Rate of Return	-5.91%	-1225.03%	0.00%	0.00%	-8.06%
25	Index Rate of Return	1.00	207.20	-	-	1.36
26	Net Revenues	\$ 3,893,588	\$ -	\$ -	\$ -	\$ 3,893,588

**FUNCTIONAL COST STUDY
INDIRECT DETAIL**

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Line No.	Description	LPG & LNG Costs	Misc. Production Costs	Bad Debts Excl. LPG & LNG	Gas Cost Working Capital	Total Indirect Costs
	(A)	(B)	(C)	(D)	(E)	(F)
Summary of Results at Claimed Rates						
Rate Base						
27	Gas Plant in Service	\$ 19,546,350	\$ -	\$ -	\$ -	\$ 19,546,350
28	Accumulated Reserve	(4,735,266)	-	-	-	(4,735,266)
29	Net Utility Plant in Service	\$ 14,811,085	\$ -	\$ -	\$ -	\$ 14,811,085
30	Other Rate Base Items:					
31	Fuel Stock	\$ -	\$ -	\$ -	\$ -	\$ -
32	Materials and Supplies	115,874				115,874
33	Gas Stored Underground	-				-
34	LNG Inventory	-				-
35	Cash Working Capital	244,953	22,919	-	-	267,872
36	Regulatory Assets	226,087				226,087
37	Accumulated Deferred Income Taxes	(1,518,687)	-	-	-	(1,518,687)
38	Excess Accum. Deferred Income Taxes	(665,235)				(665,235)
39	Total Rate Base	\$ 13,214,077	\$ 22,919	\$ -	\$ -	\$ 13,236,996
40	Required Rate of Return	7.68%	7.68%	7.68%	7.68%	7.68%
41	Required Operating Income	\$ 1,014,841	\$ 1,760	\$ -	\$ -	\$ 1,016,601
42	Expenses					
43	Purchased Gas Costs	\$ -	\$ -	\$ -	\$ -	\$ -
44	Other O&M excl. Uncollectible	3,597,871	382,734	-	-	3,980,605
45	Uncollectible Expense	94,577	-	5,844	-	100,422
46	Depreciation Expense	900,697	3,773	-	-	904,470
47	Other Taxes	498,731	-	-	-	498,731
49	Total Expenses Required	\$ 5,091,876	\$ 386,507	\$ 5,844	\$ -	\$ 5,484,227
50	Income Taxes	276,624	348	0	-	276,973
51	Total Rev.Req. at Required Return	\$ 6,383,342	\$ 388,615	\$ 5,845	\$ -	\$ 6,777,802
52	Revenues					
53	Total Sales Revenue	\$ 6,351,657	\$ 386,657	\$ 5,845	\$ -	\$ 6,744,159
54	Other Operating Revenues	31,685	1,958	-	-	33,643
55	Total Operating Revenues	\$ 6,383,342	\$ 388,615	\$ 5,845	\$ -	\$ 6,777,802
56	Amount Assigned to Keene	437,346	26,625	400		464,372
57	Net to ENNG	5,914,311	360,032	5,444		6,279,787
58	Total Sales Revenue	\$ 6,351,657	\$ 386,657	\$ 5,845		\$ 6,744,159

**Functional Cost Study
External Allocation Factors**

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Name	Description		Total	Delivery Costs	Production Costs	Misc. Costs
DEMAND ALLOCATORS						
LPG_LNG	Production	DEM				
	Test Yr - Energy North		1	0.00%	100.00%	0.00%
				1		
DIST	Distribution	DEM				
	Test Yr - Energy North		1	100.00%	0.00%	0.00%
				1		
DPROD	Delivery & Production	DEM				
	Test Yr - Energy North		1	8.70%	91.30%	0.00%
				0.087	0.913	
DPROD_K	Keene Production	DEM				
	Test Yr - Energy North		1	100.00%	0.00%	0.00%
				1		
CUSTOMER ALLOCATORS						
CUST	Distribution Customer	CUS				
	Test Yr - Energy North		1	100.00%	0.00%	0.00%
				1		
COMMODITY ALLOCATORS						
PROPANE	Propane Commodity	COM				
	Test Yr - Energy North		1	0.00%	100.00%	0.00%
					1	
LNG	LNG Commodity	COM				
	Test Yr - Energy North		1	0.00%	100.00%	0.00%
					1	
GASCOST	Allocated Gas Costs	COM				
	Test Yr - Energy North		1	0.00%	0.00%	0.00%
GASSPLY	Gas Supply	COM				
	Test Yr - Energy North		1	0.00%	0.00%	100.00%
						1
CUR_REV	Revenues at Current Rates	COM				
	Test Yr - Energy North		100,446,732	96.12%	3.88%	0.00%
				96,553,144	3,893,588	-
PROP_REV	Proposed Revenues	COM				
	Test Yr - Energy North		130,676,134	94.81%	4.88%	0.30%
				123,898,333	6,383,342	394,460
PREV_DEL	Proposed Revenues Delivery	COM				
	Test Yr - Energy North		1	100.00%	0.00%	0.00%
				1		
PREV_PROD	Proposed Production Revenue	COM				
	Test Yr - Energy North		6,777,802	0.00%	94.18%	5.82%
					6,383,342	394,460
INDIRECT	Settlement Indirect Expenses	COM				
	Test Yr - Energy North		(1,993,598)	0.00%	99.34%	0.66%
					(1,980,428)	(13,170)
REG_COMM	Production Regulatory Comm. Exp	COM				
	Test Yr - Energy North		1	0.00%	0.00%	100.00%
						1
OTH_REV	Other Revenue	COM				
	Test Yr - Energy North		1	100.00%	0.00%	0.00%
				1		

**Functional Cost Study
Internal Allocators**

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Allocator		Total	Delivery Costs	Direct Gas Costs	Production Costs	Misc. Costs
Name	Description					
PLANT	Total Plant in Service	818,583,027	799,036,677	-	19,546,350	-
	Percent	100.00%	97.61%	0.00%	2.39%	0.00%
OMEXPX	TOI and O&M Exp. excl. gas costs & uncollectible	52,569,919	48,096,686	-	4,090,499	382,734
	Percent	100.00%	91.49%	0.00%	7.78%	0.73%
PRODOEXP	Production Operations Expenses	507,107	44,118	-	462,989	-
	Percent	100.00%	8.70%	0.00%	91.30%	0.00%
PRODMNTX	Production Maintenance Expenses	260,172	22,635	-	237,537	-
	Percent	100.00%	8.70%	0.00%	91.30%	0.00%
DISTOPX	Distribution Operations Expense	8,759,675	8,759,675	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
DISTMNX	Distribution Maintenance Expense	3,880,633	3,880,633	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
CACCTX	Customer Accounting Expenses	4,031,244	4,031,244	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
LABOR	Labor expense excluding A&G	13,255,839	11,861,397	-	1,394,442	-
	Percent	100.00%	89.48%	0.00%	10.52%	0.00%
GENPLT	General Plant	51,053,039	45,682,537	-	5,370,502	-
	Percent	100.00%	89.48%	0.00%	10.52%	0.00%
AGxTRANSFER	A&G Expenses excluding transfer	25,198,874	21,769,481	-	2,428,025	1,001,368
	Percent	100.00%	86.39%	0.00%	9.64%	3.97%
AGEXP	Total A&G Expense	15,651,745	13,736,891	-	1,532,123	382,731
	Percent	100.00%	87.77%	0.00%	9.79%	2.45%
DISTRPLT	Distribution Plant	702,618,422	702,618,422	-	-	-
	Percent	100.00%	100.00%	0.00%	0.00%	0.00%
RTBASE	Rate Base	527,941,042	514,704,046	-	13,214,077	22,919
	Percent	100.00%	97.49%	0.00%	2.50%	0.00%
PDGPLT	Production, Distribution & General Plant	762,767,097	749,092,279	-	13,674,818	-
	Percent	100.00%	98.21%	0.00%	1.79%	0.00%

Functional Cost Study
Account Detail

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
RATE BASE														
Plant in Service														
Intangible Plant														
Misc. Intangible Plant	55,564,980	LABOR	28,241,015	21,478,831	-	49,719,846	5,845,134	-	-	5,845,134	-	-	-	-
Sub-total	55,815,930		28,368,561	21,575,837	-	49,944,398	5,871,532	-	-	5,871,532	-	-	-	-
Production Plant														
Production Plant EN	9,095,636	DPROD	791,320	-	-	791,320	8,304,316	-	-	8,304,316	-	-	-	-
Production Plant Keene	-	DPROD_K	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	9,095,636		791,320	-	-	791,320	8,304,316	-	-	8,304,316	-	-	-	-
Distribution Plant														
Land & Land Rights	-	DIST	-	-	-	-	-	-	-	-	-	-	-	-
M&R Stations	-	DIST	-	-	-	-	-	-	-	-	-	-	-	-
Mains	11,737,328	DIST	11,737,328	-	-	11,737,328	-	-	-	-	-	-	-	-
Compressor Station Equipment	2,859,214	DIST	2,859,214	-	-	2,859,214	-	-	-	-	-	-	-	-
M&R Stations	9,590,382	DIST	9,590,382	-	-	9,590,382	-	-	-	-	-	-	-	-
Services	217,350,688	CUST	-	217,350,688	-	217,350,688	-	-	-	-	-	-	-	-
Meters & Meter Installations	18,719,903	CUST	-	18,719,903	-	18,719,903	-	-	-	-	-	-	-	-
Other Equipment	2,596,695	DIST	2,596,695	-	-	2,596,695	-	-	-	-	-	-	-	-
Sub-total	702,618,422		431,652,570	270,965,852	-	702,618,422	-	-	-	-	-	-	-	-
General Plant														
Land & Land Rights	121,489	LABOR	61,747	46,962	-	108,709	12,780	-	-	12,780	-	-	-	-
Structures & Improvements	25,352,506	LABOR	12,885,463	9,800,097	-	22,685,560	2,666,946	-	-	2,666,946	-	-	-	-
Office Furniture & Equipment	2,916,135	LABOR	1,482,131	1,127,242	-	2,609,373	306,762	-	-	306,762	-	-	-	-
Transportation Equipment	13,415,702	LABOR	6,818,558	5,185,885	-	12,004,443	1,411,259	-	-	1,411,259	-	-	-	-
Stores Equipment	107,831	LABOR	54,805	41,682	-	96,488	11,343	-	-	11,343	-	-	-	-
Tools, Shop & Garage Equip.	5,126,732	LABOR	2,605,672	1,981,756	-	4,587,428	539,304	-	-	539,304	-	-	-	-
Laboratory Equip.	-	LABOR	-	-	-	-	-	-	-	-	-	-	-	-
Power Operated Equip.	915,511	LABOR	465,310	353,894	-	819,204	96,307	-	-	96,307	-	-	-	-
Communication Equip.	941,816	LABOR	478,680	364,062	-	842,742	99,074	-	-	99,074	-	-	-	-
Miscellaneous Equip.	2,155,317	LABOR	1,095,444	833,145	-	1,928,589	226,728	-	-	226,728	-	-	-	-
Sub-total	51,053,039		25,947,812	19,734,725	-	45,682,537	5,370,502	-	-	5,370,502	-	-	-	-
TOTAL PLANT-IN-SERVICE	818,583,027		486,760,263	312,276,413	-	799,036,677	19,546,350	-	-	19,546,350	-	-	-	-
Accumulated Reserve for Depreciation														
Intangible Plant														
Misc. Intangible Plant	(19,431,611)	LABOR	(9,876,156)	(7,511,355)	-	(17,387,511)	(2,044,100)	-	-	(2,044,100)	-	-	-	-
Sub-total	(19,431,611)		(9,876,156)	(7,511,355)	-	(17,387,511)	(2,044,100)	-	-	(2,044,100)	-	-	-	-
Production Plant														
Production Plant	(377,655)	DPROD	(32,856)	-	-	(32,856)	(344,799)	-	-	(344,799)	-	-	-	-
Production Plant Keene	-	DPROD_K	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	(377,655)		(32,856)	-	-	(32,856)	(344,799)	-	-	(344,799)	-	-	-	-
Distribution Plant														
Land & Land Rights	-	DIST	-	-	-	-	-	-	-	-	-	-	-	-
M&R Stations	154,862	DIST	154,862	-	-	154,862	-	-	-	-	-	-	-	-
Mains	10,022,102	DIST	10,022,102	-	-	10,022,102	-	-	-	-	-	-	-	-
Compressor Station Equipment	(442,426)	DIST	(442,426)	-	-	(442,426)	-	-	-	-	-	-	-	-
M&R Stations	(5,087,329)	DIST	(5,087,329)	-	-	(5,087,329)	-	-	-	-	-	-	-	-
Services	(36,324,844)	DIST	(36,324,844)	-	-	(36,324,844)	-	-	-	-	-	-	-	-
Meters & Meter Installations	(5,295,180)	DIST	(5,295,180)	-	-	(5,295,180)	-	-	-	-	-	-	-	-
Meters Installations	(6,861,570)	CUST	-	(6,861,570)	-	(6,861,570)	-	-	-	-	-	-	-	-
Land & Land Rights	-	CUST	-	-	-	-	-	-	-	-	-	-	-	-
Structures and Improvements	(536,412)	CUST	-	(536,412)	-	(536,412)	-	-	-	-	-	-	-	-
Other Equipment	(2,734,433)	DIST	(2,734,433)	-	-	(2,734,433)	-	-	-	-	-	-	-	-
Other Equipment	(1,497,167)	DIST	(1,497,167)	-	-	(1,497,167)	-	-	-	-	-	-	-	-
Measuring and Regulating Station Equipment	51,521	DIST	51,521	-	-	51,521	-	-	-	-	-	-	-	-
Dist-Measuring and regulating station equipment-Ci	(1,782,734)	DIST	(1,782,734)	-	-	(1,782,734)	-	-	-	-	-	-	-	-
Indust meas and reg station equip	(15,665)	DIST	(15,665)	-	-	(15,665)	-	-	-	-	-	-	-	-
Structures and Improvements	(365,804)	DIST	(365,804)	-	-	(365,804)	-	-	-	-	-	-	-	-
LNG Processing Terminal Equipment	(397)	DIST	(397)	-	-	(397)	-	-	-	-	-	-	-	-
Meters - ERTS	(5,314,698)	CUST	-	(5,314,698)	-	(5,314,698)	-	-	-	-	-	-	-	-
~	-	~	-	-	-	-	-	-	-	-	-	-	-	-
~	-	~	-	-	-	-	-	-	-	-	-	-	-	-
~	-	~	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	(145,905,417)		(133,192,737)	(12,712,680)	-	(145,905,417)	-	-	-	-	-	-	-	-

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Functional Cost Study
Account Detail

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
General Plant														
Land & Land Rights	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Structures & Improvements	(6,898,722) LABOR		(3,506,290)	(2,666,724)	-	(6,173,014)	(725,708)	-	-	(725,708)	-	-	-	-
Office Furniture & Equipment	(1,637,552) LABOR		(832,289)	(633,001)	-	(1,465,291)	(172,262)	-	-	(172,262)	-	-	-	-
Transportation Equipment	(10,403,481) LABOR		(5,287,591)	(4,021,501)	-	(9,309,091)	(1,094,390)	-	-	(1,094,390)	-	-	-	-
Stores Equipment	(40,190) LABOR		(20,427)	(15,536)	-	(35,962)	(4,228)	-	-	(4,228)	-	-	-	-
Tools, Shop & Garage Equip.	(1,361,470) LABOR		(691,970)	(526,281)	-	(1,218,250)	(143,219)	-	-	(143,219)	-	-	-	-
Laboratory Equip.	- LABOR		-	-	-	-	-	-	-	-	-	-	-	-
Power Operated Equip.	(784,702) LABOR		(398,827)	(303,329)	-	(702,156)	(82,546)	-	-	(82,546)	-	-	-	-
Communication Equip.	(754,991) LABOR		(383,726)	(291,844)	-	(675,570)	(79,421)	-	-	(79,421)	-	-	-	-
Miscellaneous Equip.	(423,913) LABOR		(215,454)	(163,865)	-	(379,319)	(44,593)	-	-	(44,593)	-	-	-	-
Other	- PLANT		-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	(22,305,021)		(11,336,573)	(8,622,081)	-	(19,958,654)	(2,346,367)	-	-	(2,346,367)	-	-	-	-
TOTAL DEPRECIATION ACCRUAL	(188,019,704)		(154,438,322)	(28,846,116)	-	(183,284,438)	(4,735,266)	-	-	(4,735,266)	-	-	-	-
NET PLANT	630,563,323		332,321,942	283,430,297	-	615,752,239	14,811,085	-	-	14,811,085	-	-	-	-
Rate Base Adjustments														
Additions														
Fuel Stock	- PDGPLT		-	-	-	-	-	-	-	-	-	-	-	-
Gas Materials and Supplies	6,463,310 PDGPLT		3,884,184	2,463,252	-	6,347,436	115,874	-	-	115,874	-	-	-	-
Gas Stored Underground - Current A/C 164	- PDGPLT		-	-	-	-	-	-	-	-	-	-	-	-
LNG Inventory - Current A/C 164	- PDGPLT		-	-	-	-	-	-	-	-	-	-	-	-
Gas Stored Underground - Non-Current A/C 117	- PDGPLT		-	-	-	-	-	-	-	-	-	-	-	-
Cash Working Capital (Other)	3,148,063 OMEXPX		1,659,898	1,178,114	42,179	2,880,191	244,929	-	24	244,953	-	-	22,919	22,919
Regulatory Assets	12,610,917 PDGPLT		7,578,643	4,806,186	-	12,384,829	226,087	-	-	226,087	-	-	-	-
Sub-total	22,222,290		13,122,725	8,447,553	42,179	21,612,457	586,890	-	24	586,914	-	-	22,919	22,919
Deductions														
Customer Deposits	(3,027,697) CUST		-	(3,027,697)	-	(3,027,697)	-	-	-	-	-	-	-	-
Excess Accum. Deferred Income Taxes	(37,106,114) PDGPLT		(22,299,251)	(14,141,628)	-	(36,440,879)	(665,235)	-	-	(665,235)	-	-	-	-
Accum. Deferred Income Taxes	(84,710,759) PDGPLT		(50,907,687)	(32,284,385)	-	(83,192,072)	(1,518,687)	-	-	(1,518,687)	-	-	-	-
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Sub-total	(124,844,571)		(73,206,938)	(49,453,711)	-	(122,660,649)	(2,183,922)	-	-	(2,183,922)	-	-	-	-
TOTAL RATE BASE ADJ.	(102,622,281)		(60,084,214)	(41,006,158)	42,179	(101,048,193)	(1,597,032)	-	24	(1,597,008)	-	-	22,919	22,919
TOTAL RATE BASE	527,941,042		272,237,728	242,424,139	42,179	514,704,046	13,214,053	-	24	13,214,077	-	-	22,919	22,919

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
EXPENSES														
O & M Expenses														
Production (LPG LNG) - Operation														
Supervision	1,494,880	DPROD	130,055	-	-	130,055	1,364,825	-	-	1,364,825	-	-	-	-
LPG - Production	34,827	DPROD	3,030	-	-	3,030	31,797	-	-	31,797	-	-	-	-
LPG - Materials	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Gas Mixing & Misc Exp - Keene	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	438,401	DPROD	38,141	-	-	38,141	400,260	-	-	400,260	-	-	-	-
Operation Labor & Expenses	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Other	6,684	DPROD	582	-	-	582	6,103	-	-	6,103	-	-	-	-
Indirect Expenses	400	INDIRECT	-	-	-	-	-	-	397	397	-	-	3	3
Sub-total	2,002,387		174,173	-	-	174,173	1,827,814	-	397	1,828,212	-	-	3	3
Production (LPG LNG) - Maintenance														
Maint. of Prod. Equip	260,172	DPROD	22,635	-	-	22,635	237,537	-	-	237,537	-	-	-	-
Sub-total	260,172		22,635	-	-	22,635	237,537	-	-	237,537	-	-	-	-
Total Production	2,262,559		196,808	-	-	196,808	2,065,351	-	397	2,065,748	-	-	3	3
Purchased Gas Expenses														
Gas Supply	-	GASCOST	-	-	-	-	-	-	-	-	-	-	-	-
Storage Gas	-	GASCOST	-	-	-	-	-	-	-	-	-	-	-	-
Other Gas Supply	-	GASSPLY	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	-		-	-	-	-	-	-	-	-	-	-	-	-
Distribution Operation Expenses														
Operation Supervision & Engineering	535,501	DISTOPX	417,550	117,951	-	535,501	-	-	-	-	-	-	-	-
Distribution Load Dispatch	315,887	DIST	315,887	-	-	315,887	-	-	-	-	-	-	-	-
Mains & Services Expenses	5,019,198	DIST	5,019,198	-	-	5,019,198	-	-	-	-	-	-	-	-
M&R Station Expenses - General	53,780	DIST	53,780	-	-	53,780	-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	-	DIST	-	-	-	-	-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,296,590	CUST	-	1,296,590	-	1,296,590	-	-	-	-	-	-	-	-
Customer Installation Expenses	632,842	CUST	-	632,842	-	632,842	-	-	-	-	-	-	-	-
Other Expenses	1,405,360	DIST	1,405,360	-	-	1,405,360	-	-	-	-	-	-	-	-
Rents	36,018	DIST	36,018	-	-	36,018	-	-	-	-	-	-	-	-
Sub-total	9,295,176		7,247,793	2,047,383	-	9,295,176	-	-	-	-	-	-	-	-
Distribution Maintenance Expenses														
Maint. Supervision & Engineering	113,727	DISTMNX	86,935	26,792	-	113,727	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	265,013	DIST	265,013	-	-	265,013	-	-	-	-	-	-	-	-
Maint. of Mains	2,325,423	DIST	2,325,423	-	-	2,325,423	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	2,555	DIST	2,555	-	-	2,555	-	-	-	-	-	-	-	-
Maint. of Services	567,129	CUST	-	567,129	-	567,129	-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	347,077	CUST	-	347,077	-	347,077	-	-	-	-	-	-	-	-
Maint. of Other Equip.	373,437	DIST	373,437	-	-	373,437	-	-	-	-	-	-	-	-
Sub-total	3,994,360		3,053,363	940,997	-	3,994,360	-	-	-	-	-	-	-	-
Total Distribution	13,289,536		10,301,156	2,988,380	-	13,289,536	-	-	-	-	-	-	-	-

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
Customer Account														
Supervision	153,484	CACCTX	-	153,484	-	153,484	-	-	-	-	-	-	-	-
Meter Reading	467,374	CUST	-	467,374	-	467,374	-	-	-	-	-	-	-	-
Customer Records & Collection	3,501,520	CUST	-	3,501,520	-	3,501,520	-	-	-	-	-	-	-	-
Uncollectable Accounts - Delivery	1,835,707	PREV_DEL	-	-	1,835,707	1,835,707	-	-	-	-	-	-	-	-
Uncollectable Accounts - Production	100,422	PREV_PROD	-	-	-	-	-	-	94,577	94,577	-	-	5,844	5,844
Misc. Customer Accounts	62,350	CUST	-	62,350	-	62,350	-	-	-	-	-	-	-	-
Sub-total	6,120,857		-	4,184,728	1,835,707	6,020,435	-	-	94,577	94,577	-	-	5,844	5,844
Customer Service & Information Expenses														
Informational and Instructional Advertisign Expenses	93,652	CUST	-	93,652	-	93,652	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	-	CUST	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	93,652		-	93,652	-	93,652	-	-	-	-	-	-	-	-
Sales Expenses														
Demonstrating & Selling Expenses	265,462	CUST	-	265,462	-	265,462	-	-	-	-	-	-	-	-
Advertising Expenses	82,182	CUST	-	82,182	-	82,182	-	-	-	-	-	-	-	-
Misc. Sales Expenses	60,654	CUST	-	60,654	-	60,654	-	-	-	-	-	-	-	-
Sub-total	408,298		-	408,298	-	408,298	-	-	-	-	-	-	-	-
Administrative and General Expenses														
Administrative & General Salaries	1,141,120	LABOR	579,977	441,104	-	1,021,080	120,040	-	-	120,040	-	-	-	-
A&G Salaries - Energy Procurement	653,602	GASSPLY	-	-	-	-	-	-	-	-	-	653,602	653,602	-
Office Supplies	6,407,957	LABOR	3,256,857	2,477,017	-	5,733,875	674,082	-	-	674,082	-	-	-	-
Office Supplies - Energy Procurement	2	GASSPLY	-	-	-	-	-	-	-	-	-	2	2	-
A&G Transferred	(9,297,981)	AGxTRANSFER	(4,328,591)	(3,292,130)	(411,869)	(8,032,590)	(895,902)	-	-	(895,902)	-	-	(369,489)	(369,489)
A&G Transferred - Energy Procurement	(249,148)	GASSPLY	-	-	-	-	-	-	-	-	-	(249,148)	(249,148)	-
Outside Services	7,306,580	LABOR	3,713,584	2,824,383	-	6,537,968	768,613	-	-	768,613	-	-	-	-
Outside Serv. - Gas Acquisition	286,701	GASSPLY	-	-	-	-	-	-	-	-	-	286,701	286,701	-
Property Insurance	130,114	LABOR	66,131	50,296	-	116,426	13,687	-	-	13,687	-	-	-	-
Injuries & Damages	1,423,852	LABOR	723,676	550,395	-	1,274,070	149,781	-	-	149,781	-	-	-	-
Employee Pension & Benefits	9,322,377	LABOR	4,738,117	3,603,597	-	8,341,714	980,663	-	-	980,663	-	-	-	-
Regulatory Commission - Delivery	1,116,224	PREV_DEL	-	-	1,116,224	1,116,224	-	-	-	-	-	-	-	-
Regulatory Commission - Production	61,063	REG_COMM	-	-	-	-	-	-	-	-	-	-	61,063	61,063
Misc. General Expenses	(3,120,185)	LABOR	(1,585,840)	(1,206,118)	-	(2,791,958)	(328,226)	-	-	(328,226)	-	-	-	-
Office Rent	117,674	LABOR	59,808	45,487	-	105,296	12,379	-	-	12,379	-	-	-	-
Maintenance of General Plant	351,791	LABOR	178,799	135,986	-	314,785	37,007	-	-	37,007	-	-	-	-
Sub-total	15,651,745		7,402,517	5,630,018	704,356	13,736,891	1,532,123	-	-	1,532,123	-	-	382,731	382,731
TOTAL O & M EXPENSES	37,835,575		17,909,341	13,305,145	2,540,063	33,754,549	3,597,474	-	94,974	3,692,448	-	-	388,578	388,578
Labor Expense														
Production - Operation														
Supervision	1,267,661	DPROD	110,286	-	-	110,286	1,157,374	-	-	1,157,374	-	-	-	-
LPG - Production	15,849	DPROD	1,379	-	-	1,379	14,470	-	-	14,470	-	-	-	-
LPG - Materials	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Gas Mixing & Misc Exp - Keene	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Prod. Exp.	133,929	DPROD	11,652	-	-	11,652	122,277	-	-	122,277	-	-	-	-
Operation Labor & Expenses	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	1,419,259		123,475	-	-	123,475	1,295,783	-	-	1,295,783	-	-	-	-
Production - Maintenance														
Maint. of Prod. Equip	108,060	DPROD	9,401	-	-	9,401	98,659	-	-	98,659	-	-	-	-
Sub-total	108,060		9,401	-	-	9,401	98,659	-	-	98,659	-	-	-	-
Total Production	1,527,319		132,877	-	-	132,877	1,394,442	-	-	1,394,442	-	-	-	-

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
Distribution Operation Expenses														
Operation Supervision & Engineering	346,733	DISTOPX	270,360	76,372	-	346,733	-	-	-	-	-	-	-	-
Distribution Load Dispatch	547,848	DIST	547,848	-	-	547,848	-	-	-	-	-	-	-	-
Mains & Services Expenses	3,636,624	DIST	3,636,624	-	-	3,636,624	-	-	-	-	-	-	-	-
M&R Station Expenses - General	46,484	DIST	46,484	-	-	46,484	-	-	-	-	-	-	-	-
M&R Station Expenses - Industrial	-	DIST	-	-	-	-	-	-	-	-	-	-	-	-
Meter & House Regulator Expenses	1,067,040	CUST	-	1,067,040	-	1,067,040	-	-	-	-	-	-	-	-
Customer Installation Expenses	693,421	CUST	-	693,421	-	693,421	-	-	-	-	-	-	-	-
Other Expenses	1,010,351	DIST	1,010,351	-	-	1,010,351	-	-	-	-	-	-	-	-
Rents	73	DIST	73	-	-	73	-	-	-	-	-	-	-	-
Sub-total	7,348,574		5,511,740	1,836,834	-	7,348,574	-	-	-	-	-	-	-	-
Distribution Maintenance Expenses														
Maint. Supervision & Engineering	113,727	DISTMNX	86,935	26,792	-	113,727	-	-	-	-	-	-	-	-
Maint. of Structures & Improv.	102,711	DIST	102,711	-	-	102,711	-	-	-	-	-	-	-	-
Maint. of Mains	714,223	DIST	714,223	-	-	714,223	-	-	-	-	-	-	-	-
Maint. of M&R Station Equip. - General	2,555	DIST	2,555	-	-	2,555	-	-	-	-	-	-	-	-
Maint. of Services	297,485	CUST	-	297,485	-	297,485	-	-	-	-	-	-	-	-
Maint. of Meters & House Regulators	278,846	CUST	-	278,846	-	278,846	-	-	-	-	-	-	-	-
Maint. of Other Equip.	177,408	DIST	177,408	-	-	177,408	-	-	-	-	-	-	-	-
Sub-total	1,686,955		1,083,831	603,123	-	1,686,955	-	-	-	-	-	-	-	-
Total Distribution	9,035,529		6,595,571	2,439,957	-	9,035,529	-	-	-	-	-	-	-	-
Customer Account														
Supervision	153,484	CACCTX	-	153,484	-	153,484	-	-	-	-	-	-	-	-
Meter Reading	508,942	CUST	-	508,942	-	508,942	-	-	-	-	-	-	-	-
Customer Records & Collection	1,403,810	CUST	-	1,403,810	-	1,403,810	-	-	-	-	-	-	-	-
Uncollectable Accounts	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Misc. Customer Accounts	62,350	CUST	-	62,350	-	62,350	-	-	-	-	-	-	-	-
Sub-total	2,128,585		-	2,128,585	-	2,128,585	-	-	-	-	-	-	-	-
Customer Service & Information Expenses														
Informational and Instructional Advertising Expenses	53,120	CUST	-	53,120	-	53,120	-	-	-	-	-	-	-	-
Misc Customer Assistance Expense	-	CUST	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	53,120		-	53,120	-	53,120	-	-	-	-	-	-	-	-
Sales Expenses														
Demonstrating & Selling Expenses	435,986	CUST	-	435,986	-	435,986	-	-	-	-	-	-	-	-
Advertising Expenses	6,080	CUST	-	6,080	-	6,080	-	-	-	-	-	-	-	-
Misc. Sales Expenses	60,291	CUST	-	60,291	-	60,291	-	-	-	-	-	-	-	-
~	-	~	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	502,358		-	502,358	-	502,358	-	-	-	-	-	-	-	-
TOTAL O & M LABOR EXP.	13,255,839		6,737,307	5,124,089	-	11,861,397	1,394,442	-	-	1,394,442	-	-	-	-

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Account Description	Amount	Alloc. Factor	Delivery Costs				Production and Storage Costs				Misc			
			DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL	DEM	CUS	COM	TOTAL
Depreciation Expense														
Intangible Plant														
Misc. Intangible Plant	2,613,650	LABOR	1,328,393	1,010,315	-	2,338,708	274,942	-	-	274,942	-	-	-	-
Sub-total	2,613,650		1,328,393	1,010,315	-	2,338,708	274,942	-	-	274,942	-	-	-	-
Production Plant														
Production Plant EN	269,714	DPROD	23,465	-	-	23,465	246,249	-	-	246,249	-	-	-	-
Production Plant Keene	-	DPROD	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	269,714		23,465	-	-	23,465	246,249	-	-	246,249	-	-	-	-
Other														
Depr Amort of Reserve Surplus	542,415	PLANT	322,540	206,923	-	529,463	12,952	-	-	12,952	-	-	-	-
Regulatory Debits	154,291	AGEXP	72,972	55,499	6,943	135,415	15,103	-	-	15,103	-	-	3,773	3,773
Amort. Of Regulatory Asset	(1,086,629)	LABOR	(552,281)	(420,040)	-	(972,321)	(114,307)	-	-	(114,307)	-	-	-	-
Ratemaking Adjustment	-	PDGPLT	-	-	-	-	-	-	-	-	-	-	-	-
Sub-total	(389,923)		(156,769)	(157,618)	6,943	(307,444)	(86,252)	-	-	(86,252)	-	-	3,773	3,773
Distribution Plant														
Land & Land Rights	-	0	-	-	-	-	-	-	-	-	-	-	-	-
M&R Stations	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Mains	225,357	DIST	225,357	-	-	225,357	-	-	-	-	-	-	-	-
Compressor Station Equipment	54,897	DIST	54,897	-	-	54,897	-	-	-	-	-	-	-	-
M&R Stations	274,285	CUST	-	274,285	-	274,285	-	-	-	-	-	-	-	-
Services	6,955,222	CUST	-	6,955,222	-	6,955,222	-	-	-	-	-	-	-	-
Meters & Meter Installations	623,373	CUST	-	623,373	-	623,373	-	-	-	-	-	-	-	-
Other Equipment	136,586	DIST	136,586	-	-	136,586	-	-	-	-	-	-	-	-
Sub-total	17,620,717		9,344,428	8,276,289	-	17,620,717	-	-	-	-	-	-	-	-
General Plant Plant														
Land & Land Rights	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Structures & Improvements	725,082	LABOR	368,524	280,283	-	648,807	76,275	-	-	76,275	-	-	-	-
Office Furniture & Equipment	325,073	LABOR	165,219	125,658	-	290,877	34,196	-	-	34,196	-	-	-	-
Transportation Equipment	2,683,140	LABOR	1,363,712	1,037,177	-	2,400,889	282,252	-	-	282,252	-	-	-	-
Stores Equipment	3,591	LABOR	1,825	1,388	-	3,213	378	-	-	378	-	-	-	-
Tools, Shop & Garage Equip.	269,666	LABOR	137,058	104,240	-	241,299	28,367	-	-	28,367	-	-	-	-
Laboratory Equip.	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Power Operated Equip.	183,102	LABOR	93,062	70,779	-	163,841	19,261	-	-	19,261	-	-	-	-
Communication Equip.	94,182	LABOR	47,868	36,406	-	84,274	9,907	-	-	9,907	-	-	-	-
Miscellaneous Equip.	143,760	LABOR	73,066	55,571	-	128,637	15,123	-	-	15,123	-	-	-	-
Sub-total	4,427,595		2,250,334	1,711,502	-	3,961,836	465,759	-	-	465,759	-	-	-	-
TOTAL DEPRECIATION EXPENSES	24,541,752		12,789,851	10,840,487	6,943	23,637,282	900,697	-	-	900,697	-	-	3,773	3,773
Taxes Other Than Income Taxes														
Payroll	1,236,024	LABOR	628,212	477,789	-	1,106,001	130,023	-	-	130,023	-	-	-	-
Property	15,441,132	PLANT	9,181,878	5,890,546	-	15,072,425	368,708	-	-	368,708	-	-	-	-
Sub-total	16,677,157		9,810,090	6,368,336	-	16,178,426	498,731	-	-	498,731	-	-	-	-
TOTAL TAXES OTHER THAN INCOME TAX	16,677,157		9,810,090	6,368,336	-	16,178,426	498,731	-	-	498,731	-	-	-	-
Operating Revenues														
Distribution Rate Revenue	100,446,732	CUR_REV	-	-	96,553,144	96,553,144	-	-	3,893,588	3,893,588	-	-	-	-
Late Payment Charges - Delivery	614,997	PREV_DEL	-	-	614,997	614,997	-	-	-	-	-	-	-	-
Late Payment Charges - Production	33,643	PREV_PROD	-	-	-	-	-	-	31,685	31,685	-	-	1,958	1,958
Connect/Reconnect Fees	1,007,450	CUST	-	1,007,450	-	1,007,450	-	-	-	-	-	-	-	-
Other Revenues	1,023,476	OTH_REV	-	-	1,023,476	1,023,476	-	-	-	-	-	-	-	-
Sub-total	103,126,298		-	1,007,450	98,191,617	99,199,067	-	-	3,925,273	3,925,273	-	-	1,958	1,958
TOTAL	103,126,298		-	1,007,450	98,191,617	99,199,067	-	-	3,925,273	3,925,273	-	-	1,958	1,958

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