

**Rio Grande Natural Gas Association
Task Force Update**

RGNGA REORGANIZATION VIABILITY STUDY

January 2010



CITY OF LAS CRUCES, NM
RIO GRANDE NATURAL GAS ASSOCIATION (RGNGA)
RGNGA REORGANIZATION VIABILITY STUDY

January 2010

Prepared for:

CITY OF LAS CRUCES
RIO GRANDE NATURAL GAS ASSOCIATION

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RIO GRANDE NATURAL GAS ASSOCIATION REORGANIZATION VIABILITY STUDY

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RIO GRANDE NATURAL GAS ASSOCIATION REORGANIZATION VIABILITY STUDY

EXECUTIVE SUMMARY

The Rio Grande Natural Gas Association (RGNGA) is a community gas association, mutually owned by the City of Las Cruces, NM (City) and the Village of Hatch, NM (Hatch). In response to various issues regarding the service territory of RGNGA, its Board of Directors formed a Task Force to consider a reorganization of RGNGA and its service territory.

The Task Force recommended the following reorganization:

- RGNGA divests itself of approximately 40% of its current customers (which account for approximately 50% of its gas sales volume) to the City
- The City would surrender 40% of its ownership position in RGNGA to Hatch
- The City would retire 100% of the current RGNGA debt
- RGNGA would then take over the operations and fiscal services currently being provided by the City.

Sunrise Engineering was contracted to assess the viability of the potential reorganized RGNGA as an entity that would independently be responsible for the operation and maintenance of its system.

For this study, Sunrise developed Pro Forma spreadsheets that detail the projected costs associated with the reorganized RGNGA in a manner that it can be determined if it will be a viable entity. Two Pro Forma spreadsheets were developed for the reorganized RGNGA: one that does not take into consideration potential pipeline replacement projects, and one that does.

Conclusions

In the case of both Pro Forma spreadsheets, it becomes necessary for a reorganized RGNGA to increase its revenues in order to remain viable. Sunrise has projected increases to the RGNGA rates that would, in each case, provide adequate revenue for the reorganized RGNGA to be a viable entity.

It is the Engineer's conclusion that the viability of the reorganized RGNGA is contingent upon its Board of Directors acceptance of increasing the RGNGA retail natural gas rates adequately in order for the reorganized RGNGA to be a viable stand alone natural gas operation.

Action Items

1. Review Study Report and findings to Task Force
2. Task Force review and recommendation to RGNGA Board of Directors
3. Go / No-Go decision

RIO GRANDE NATURAL GAS ASSOCIATION REORGANIZATION VIABILITY STUDY

VIABILITY REPORT

1.0 Introduction

The Rio Grande Natural Gas Association (RGNGA) is a community gas association formed in accordance with the provisions of Sections 14-27-1 through 14-27-18 of the New Mexico State Statutes. The Association is a nonprofit corporation mutually owned by the City of Las Cruces (City) and the Village of Hatch (Hatch). RGNGA currently serves approximately 15,000 residential and commercial natural gas customers residing in Dona Ana County, New Mexico including the City of Las Cruces, the Village of Hatch and surrounding communities.

RGNGA is governed by a Board of six (6) Directors appointed by the governing bodies of the City and Hatch. Since its inception in 1969 the City has acted as both the fiscal agent and operator for RGNGA by providing RGNGA with accounting, accounts receivable, accounts payable, customer service, collection, billing, purchasing, human resources, computer system, software service and support, management of all RGNGA assets, fleet services, bond services, management of investments, natural gas acquisition, gas distribution system operations and maintenance, legal and risk management services. In 1976 an agreement was reached between the owners establishing the service territories for both entities. The City of Las Cruces natural gas system was limited to the currently existing City limits plus five miles surrounding the City limits as it existed in 1976. RGNGA's service territory was defined as the surrounding areas of Dona Ana County and the Village of Hatch. Since the signing of this agreement, the City has annexed additional areas previously part of Dona Ana County thus leaving some customers of RGNGA located within the City limits.

In an effort to re-define the service boundaries of RGNGA and the City, The RGNGA Board formed a Task Force to come up with a plan that would be equitable for all concerned parties. As part of this reorganization, RGNGA is desirous to take over the operations and fiscal services currently being provided by the City.

Sunrise Engineering was contracted to assess the viability of the potential reorganized RGNGA if it divests itself of the customers as identified by the Task Force and takes on the services currently being provided by the City. The objective of this study is to determine the viability of RGNGA continuing to operate after undergoing the reorganization as contemplated by the Task Force.

The information contained in this study is based on the preliminary findings of the Engineer and is presented in outline form. This information is presented in sufficient detail for RGNGA to evaluate and decide on whether or not to proceed with the reorganization

2.0 Task Force

This Task Force enlisted the assistance of one of its members, Dr. Larry Blank, to evaluate a possible reorganization that would transfer customers from RGNGA service to City service.

The Task Force selected a preferred scenario that was presented to the Joint Owners. A brief summary of this scenario by customer classification and gas consumption is listed as follows:

	Number Residential	Residential Mcf	Number Commercial	Commercial Mcf	Total Mcf
Transfer To CLC	5,998	293,902	93	217,222	511,124
New RGNGA	8,723	427,427	241	151,899	579,326
Totals	14,721	721,329	334	369,121	1,090,450

The preferred scenario is for RGNGA to divest itself of a little less than one-half of its current customers and approximately one-half of its current gas sales volume (Mcf) to the City whereby the City would surrender approximately 40% of its ownership position in RGNGA to Hatch and the City would retire 100% of the current RGNGA debt. RGNGA would then take over the operations and fiscal services currently being provided by the City and perform them either in-house or outsource them out to various qualified service providers

This is the Scenario that Sunrise utilized in this report. We did not investigate or consider any other scenario. As we proceeded with this Study, we did find that irrigation customers were not included in the customer and consumption count listed above. Those irrigation customers have been included in this study.

3.0 Pro Forma Spreadsheet

Sunrise conducted interviews with the interested parties in this matter including: the City, Hatch, RGNGA administration, and members of the task force. This interview process served to guide the direction in which Sunrise proceeded to study and evaluate the potential RGNGA reorganization.

Necessary data and background information for the study was obtained from the various individuals and entities that were interviewed. During the course of these interviews, Sunrise became aware of some potential pipeline replacement issues which could significantly affect the viability of the reorganized RGNGA and therefore, in Sunrise’s Professional Opinion, could not be ignored in this study. This professional responsibility to not ignore these potential pipeline replacement projects, led to the development of two (2) Pro Forma spreadsheets.

The two Pro Forma spreadsheets are basically the same in format; the difference being that the second spreadsheet has cost provisions to address the potential pipeline replacement projects.

The Pro Forma spreadsheets detail the projected costs associated with the reorganized RGNGA in a manner that it can be determined if it will be a viable entity. The following

sections summarize the items that make up the Pro Forma statements and how they were determined:

3.1 Wholesale Natural Gas Cost Projections

As the basis for the wholesale natural gas costs used in this Study, Sunrise obtained wholesale gas costs from the City of Las Cruces. Based on historical monthly wholesale gas costs, which include commodity, marketing, and transportation costs, from January 2007 to November 2009, the average wholesale natural gas costs were:

Average Wholesale Cost: \$6.3938/ Dth (Jan 2007 – Nov 2009)

This average wholesale cost is not relevant to the overall result of the Pro Forma statement, because the current RGNGA rate structure passes that cost directly through to the customer, so this cost becomes a wash. If RGNGA decides to proceed with the reorganization, they will become responsible purchasing and scheduling of its wholesale natural gas. Gas marketing is a highly specialized area. It involves making gas purchases, negotiating and administering transportation agreements, and making daily nominations and balancing. An experienced gas marketing firm, knowledgeable in handling all of these areas including the subleasing of unused capacities and volumes to other entities, would benefit RGNGA in maintaining cost efficient natural gas prices for its customers. Sunrise recommends that RGNGA contract for its natural gas marketing services through a reputable energy marketer. Costs for this service have not been included in this study because it will remain a pass through cost as it currently is.

3.2 Natural Gas Consumption & Volume Projections

The projection of natural gas consumption includes looking at potential customer counts including classification of those customers and then forecasting the average volume of gas used per customer each year. Potential customers, as identified by the Task Force, are summarized as follows:

- Residential: 8,723 Growth Rate: 2.5%
- Small Commercial: 238 Growth Rate: 2.5%
- Large Commercial: 2 Growth Rate: 0%
- Irrigation 248 Growth Rate: -1.5%
- Industrial: 0 Growth Rate: N/A
- Village of Hatch: 1 Growth Rate: 2%
- Total: 9,212

Natural gas usage projections are based on the historical usage provided by RGNGA, and are listed by classification:

- Residential: 47 Dth annually per connection
- Commercial: 376 Dth annually per connection

- Large Commercial: 34,369 Dth annually per connection
- Irrigation: 137 Dth annually per connection
- Industrial: N/A
- Village of Hatch: 75,074 Dth annually

The projected wholesale gas volume is obtained by multiplying the number of customers by the gas use per connection. Added to that to obtain the total volume is a percentage of volume that is unaccounted for (system losses, leaks, etc). Historical data from RGNGA suggests that this percentage is 0.54%. We have used 0.75% for this study.

3.3 Projected Cash Inflow (Revenue)

The following items make up the projected cash inflows, or revenue stream, for the new RGNGA.

Retail Rates – are based on the current RGNGA rate structure. They include the Volume Charge and the wholesale gas cost.

Retail Sales – are determined by the retail gas volumes and the retail gas rates.

Monthly Access Charges – are the current RGNGA fees for each of the classifications, with the exception of the Irrigation classification that we recommend increases to \$50/month to match the Large Commercial charge. (It is kept at the current rate of \$10/month in the first spreadsheet)

Sales Tax – estimated collected sales tax.

Franchise Fees – currently franchise fees are not collected from RGNGA customers.

EBID Use Fee – estimate of use fee collected for the Elephant Butte Irrigation District (EBID)

Miscellaneous Service Charges – are based on RGNGA financials, prorated for the percentage of customers remaining with the new RGNGA.

New Premise Connection Fee – this is a fee charged to new services to help defray costs associated with installation of new service lines and meters.

Interest Income – is based on interest earnings on the operating cushion.

3.4 Projected Cash Outflow (Operating Expenses)

The following items make up the projected cash outflows, or operating expenses, for the new RGNGA.

Wholesale gas purchases – are determined from the wholesale retail gas volume and the wholesale gas cost.

Labor – is estimated costs for 31 RGNGA employees. This includes salary, benefits, and payroll taxes. (the first year only includes 21 employees, but ramping up to 31 in the second year).

Contract Services – include costs for the following:

- Buildings & Facilities
- Gas Consultant
- Engineering & Design
- Legal
- Marketing/PR
- Utility Billing
- Information Technology (IT)
- Leak Survey
- Corrosion Protection Services
- Contract Construction Crew
- After Hours Dispatch
- Accounting/Auditing

Misc Supplies – estimate taken from the Task Force report

Fleet O&M – costs based on 14 vehicles operating 12,000 miles per year at the IRS rate of \$0.55/mile.

Insurance – estimate taken from the Task Force report.

Sales Tax – pass through cost of the Sales Taxes collected.

Franchise Fees – estimation of franchise fees that are paid by RGNGA.

EBID Use Fee – pass through cost of the use fee that is collected for EBID.

Capital Improvements – Money is allocated for the following capital improvement projects:

- New Service Installations (Materials) – is the cost of materials for the average new service installation. The labor associated with the new service installation is included with the labor or contract service line item.
- ABS & PVC Replacement – money is allocated for on-going projects to replace ABS & PVC mains and services. The cost is spread over a 12 year period.

- Hatch Feeder Mainline – money is allocated for replacement, in phases, of the Hatch Feeder Mainline. The cost is spread over a 12 year period.

3.5 Projected Debt Service

In order to get the new RGNGA up and running, certain tools, equipment, and supplies are necessary. These items would have to be purchased and ready to go when the new RGNGA begins operations, so an initial borrowing or revenue bond would have to take place. Cost estimates for the following items were determined and are included as Capital Purchases:

- Vehicles
- Communication Equipment
- Construction Equipment
- Personal Safety Equipment
- Job Site Safety Equipment
- Tools
- Instruments
- Initial Inventory
- Meter and Regulator Inventory
- Office Furnishings and Administration Equipment

In addition to the capital purchases, some operating cash will be necessary for the day to day operations of the new RGNGA, until revenue can be collected and cash reserves built. This operating cash can be obtained by various means, such as a line of credit, or borrowed up front with the capital purchases. For the purpose of this study we have included some initial operating cash in the borrowing plan.

Debt service payment and debt coverage have been determined based on the parameters listed on the Pro Forma.

3.6 Projected Annual Cash Flow

The projected annual cash flow is simply the Projected Revenue less the Projected Expenses and Debt Service. The cash reserve (cumulative) is a summation of the Operating Cushion (which initially is the Operating Cash Fund and the Reserve Fund) and the Annual Cash Flow.

The Net Present Value is based on a rate of 5%.

4.0 Risks

- Unforeseen operational problems
- Unforeseen regulatory issues

5.0 Engineer's Conclusion

The first Pro Forma spreadsheet is based on the status quo. Sunrise's analysis looked at the proposed reorganized RGNGA continuing to operate under conditions where RGNGA would incur the costs associated with operations and fiscal responsibilities including manpower, facilities, billing, customer service and more. Cost provisions for potential pipeline replacement projects are not included in this spreadsheet. As depicted in this Pro Forma spreadsheet it becomes necessary for RGNGA to increase its revenues in order to remain viable. Sunrise has projected increases to the RGNGA rates that would, in this case, provide adequate revenue for the reorganized RGNGA to be a viable entity.

The second Pro Forma spreadsheet addresses the potential pipeline replacement projects, previously mentioned. A brief summary of those potential pipeline replacement projects follows:

- **ABS/PVC Replacements** The RGNGA distribution system consists of some fairly significant amounts of both ABS plastic pipe and PVC plastic pipe. Under today's gas industry practices and standards these plastic pipes are no longer installed due to known operational issues. In some states, including Arizona, these plastics are no longer acceptable and must be replaced. It is important to note that Sunrise has not uncovered any safety or maintenance issues with the current operation of these facilities. However, it is the Engineer's opinion that these ABS/PVC facilities should be replaced over time.
- **Hatch Feeder Mainline** The mainline supplying natural gas to the Village of Hatch is an older 4" steel pipeline. Numerous documents, outside of this study, recommend the replacement of this pipeline. Sunrise concurs with these recommendations that a plan is made to replace this line. Once again it is very important to note that this line is currently operating safely and without incident. It is, however, also important to note that the line is nearing the end of its expected useful life and is experiencing some continued maintenance issues that may shorten the useful life of the line.

Cost provisions for these two replacement projects are included in the second Pro Forma spreadsheet. As depicted in the second Pro Forma spreadsheet it becomes necessary for RGNGA to greatly increase its revenues in order to remain viable. Sunrise has projected increases to the RGNGA rates that would, in this case, provide adequate revenue for the reorganized RGNGA to be a viable entity.

It is the Engineer's conclusion that the viability of the reorganized RGNGA is contingent upon its Board of Directors acceptance of increasing the RGNGA retail natural gas rates adequately in order for the reorganized RGNGA to be a viable stand alone natural gas operation.

6.0 Action Items

1. Review Study Report and findings to Task Force
2. Task Force review and recommendation to RGNGA Board of Directors
3. Go / No-Go decision

Reorganized Rio Grande Natural Gas Association

Pro Forma Cash Flow

Date: January 2010
Sunrise Engineering, Inc
Fillmore, Utah

Reorganized RGNGA

Service area includes: Preferred Scenario as determined by Task Force

Year:	1	2	3	4	5	6	7	8	9	10	11	12	13	
7 WHOLESALE NATURAL GAS COST PROJECTIONS														
8 Gas (Commodity) Price (\$/Dth)	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	
9 Gas Marketing Costs (\$/Dth)	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
10 Gas Transportation Costs (\$/Dth)	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included	
11 Total Wholesale Gas Price (\$/Dth)	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	
13 NATURAL GAS CONSUMPTION & VOLUME PROJECTIONS														
14 Number of Customers -														
15 Residential	Growth Rate: 2.5%	8,723	8,941	9,165	9,394	9,629	9,869	10,116	10,369	10,628	10,894	11,166	11,445	11,731
16 Small Commercial	2.5%	238	244	250	256	263	269	276	283	290	297	305	312	320
17 Large Commercial	0.0%	2	2	2	2	2	2	2	2	2	2	2	2	2
18 Irrigation	-1.5%	248	244	241	237	233	230	226	223	219	216	213	210	206
19 Industrial	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Village of Hatch		1	1	1	1	1	1	1	1	1	1	1	1	1
21 TOTAL		9,212	9,432	9,658	9,890	10,127	10,371	10,621	10,878	11,141	11,410	11,687	11,970	12,261
23 Natural Gas Usage per Customer (Dth)														
24 Residential		47	47	47	47	47	47	47	47	47	47	47	47	47
25 Small Commercial		376	376	376	376	376	376	376	376	376	376	376	376	376
26 Large Commercial		34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369
27 Irrigation		137	137	137	137	137	137	137	137	137	137	137	137	137
28 Industrial		-	-	-	-	-	-	-	-	-	-	-	-	-
29 Village of Hatch	Growth Rate: 2.0%	75,074	76,575	78,107	79,669	81,263	82,888	84,546	86,236	87,961	89,720	91,515	93,345	95,212
31 Natural Gas Retail Volumes (Dth)														
32 Residential		409,981	420,231	430,736	441,505	452,542	463,856	475,452	487,339	499,522	512,010	524,810	537,931	551,379
33 Small Commercial		89,488	91,725	94,018	96,369	98,778	101,247	103,779	106,373	109,032	111,758	114,552	117,416	120,351
34 Large Commercial		68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738
35 Irrigation		33,976	33,455	32,949	32,442	31,948	31,469	30,989	30,524	30,058	29,606	29,154	28,715	28,277
36 Industrial		-	-	-	-	-	-	-	-	-	-	-	-	-
37 Village of Hatch		75,074	76,575	78,107	79,669	81,263	82,888	84,546	86,236	87,961	89,720	91,515	93,345	95,212
38 Total Retail Volume (Dth)		677,257	690,725	704,548	718,722	733,269	748,198	763,504	779,210	795,311	811,832	828,769	846,145	863,957
39 Projected System Losses:														
40 System Losses - Unaccounted for gas (%)		0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
41 Total Projected Wholesale Volume (Dth)		682,336	695,905	709,832	724,113	738,769	753,809	769,230	785,054	801,276	817,921	834,985	852,491	870,437
43 PROJECTED CASH INFLOW (REVENUE)														
44 Revenue Determinants:														
45 Retail Rates (\$/Dth)	Increase (%)	2.0%	1.5%	2.0%	0.0%	2.0%	0.0%	2.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%
46 Residential	\$ 8.264	8.429	8.556	8.727	8.727	8.902	8.902	9.080	9.080	9.261	9.261	9.261	9.261	9.261
47 Small Commercial	\$ 7.950	8.109	8.230	8.395	8.395	8.563	8.563	8.734	8.734	8.909	8.909	8.909	8.909	8.909
48 Large Commercial	\$ 7.624	7.777	7.893	8.051	8.051	8.212	8.212	8.376	8.376	8.544	8.544	8.544	8.544	8.544
49 Irrigation	\$ 7.950	8.109	8.230	8.395	8.395	8.563	8.563	8.734	8.734	8.909	8.909	8.909	8.909	8.909
50 Industrial	\$ 6.390	6.518	6.616	6.748	6.748	6.883	6.883	7.020	7.020	7.161	7.161	7.161	7.161	7.161
51 Village of Hatch	\$ 7.025	7.165	7.273	7.418	7.418	7.567	7.567	7.718	7.718	7.872	7.872	7.872	7.872	7.872
52 Revenue Sources:														
53 Retail Sales														
54 Residential		3,455,928	3,595,461	3,759,055	3,853,031	4,028,344	4,129,053	4,316,925	4,424,848	4,626,178	4,741,833	4,860,379	4,981,888	5,106,435
55 Small Commercial		725,631	754,928	789,277	809,009	845,819	866,965	906,412	929,072	971,345	995,628	1,020,519	1,046,032	1,072,183
56 Large Commercial		534,554	542,572	553,423	553,423	564,492	564,492	575,782	575,782	587,297	587,297	587,297	587,297	587,297
57 Irrigation		275,501	275,349	276,600	272,345	273,569	269,463	270,664	266,596	267,778	263,750	259,723	255,817	251,911
58 Industrial		-	-	-	-	-	-	-	-	-	-	-	-	-
59 Village of Hatch		537,935	556,924	579,424	591,012	614,889	627,187	652,525	665,576	692,465	706,315	720,441	734,850	749,547

Reorganized Rio Grande Natural Gas Association

Pro Forma Cash Flow

Date: January 2010

Reorganized RGNGA

Sunrise Engineering, Inc

Service area includes: Preferred Scenario as determined by Task Force

Fillmore, Utah

	Year:	1	2	3	4	5	6	7	8	9	10	11	12	13	
61	Monthly Access Charge														
62	Residential	\$13.75	1,439,295	1,475,277	1,512,159	1,549,963	1,588,712	1,628,430	1,669,141	1,710,869	1,753,641	1,797,482	1,842,419	1,888,480	1,935,692
63	Small Commercial	\$17.50	49,980	51,230	52,510	53,823	55,169	56,548	57,961	59,411	60,896	62,418	63,979	65,578	67,218
64	Large Commercial	\$50.00	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
65	Irrigation	\$10.00	29,760	29,304	28,860	28,416	27,984	27,564	27,144	26,736	26,328	25,932	25,536	25,152	24,768
66	Industrial	\$50.00	-	-	-	-	-	-	-	-	-	-	-	-	-
67	Village of Hatch	\$0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
68	Sales Tax		290,200	296,004	301,924	307,963	314,122	320,404	326,812	333,349	340,016	346,816	353,752	360,827	368,044
69	Franchise Fees		0	0	0	0	0	0	0	0	0	0	0	0	0
70	EBID Use Fee		19,800	20,196	20,600	21,012	21,432	21,861	22,298	22,744	23,199	23,663	24,136	24,619	25,111
71	Misc Service Charges		97,300	99,246	101,231	103,256	105,321	107,427	109,576	111,767	114,002	116,283	118,608	120,980	123,400
72	New Premise Connection Fee	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Interest (Line 113)	Rate: 1.00%	4,374	4,623	3,806	2,695	1,568	1,764	2,087	3,862	5,820	9,372	13,171	17,226	21,552
74	Total Projected Revenue		7,461,457	7,702,314	7,980,071	8,147,148	8,442,621	8,622,357	8,938,527	9,131,811	9,470,166	9,677,989	9,891,160	10,109,947	10,334,358
75															
76	PROJECTED CASH OUTFLOW (OPERATING EXPENSES)														
77	General Expense Escalation Factor		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
78	Operating Expenses (\$):														
79	Wholesale Gas Purchases		4,362,723	4,449,478	4,538,525	4,629,831	4,723,540	4,819,707	4,918,303	5,019,477	5,123,200	5,229,624	5,338,725	5,450,657	5,565,398
80	Labor		1,785,672	1,978,020	2,017,580	2,057,932	2,099,091	2,141,072	2,183,894	2,227,572	2,272,123	2,317,566	2,363,917	2,411,195	2,459,419
81	Contract Services		683,500	568,000	734,000	758,000	773,160	788,623	804,396	820,484	836,893	853,631	870,704	888,118	905,880
82	Misc Supplies		60,000	61,200	62,424	63,672	64,946	66,245	67,570	68,921	70,300	71,706	73,140	74,602	76,095
83	Fleet O&M		92,400	94,248	96,133	98,056	100,017	102,017	104,057	106,139	108,261	110,427	112,635	114,888	117,186
84	Insurance		65,400	66,708	68,042	69,403	70,791	72,207	73,651	75,124	76,627	78,159	79,722	81,317	82,943
85	Sales Tax		290,200	296,004	301,924	307,963	314,122	320,404	326,812	333,349	340,016	346,816	353,752	360,827	368,044
86	Franchise Fees		21,800	22,236	22,681	23,134	23,597	24,069	24,550	25,041	25,542	26,053	26,574	27,106	27,648
87	EBID Use Fee		19,800	20,196	20,600	21,012	21,432	21,861	22,298	22,744	23,199	23,663	24,136	24,619	25,111
88	Capital Improvements (\$)														
89	New Service Installations (Materials)	\$250	55,056	56,481	57,917	59,413	60,945	62,491	64,100	65,724	67,413	69,119	70,893	72,685	74,547
90	ABS/PVC Replacements		-	-	-	-	-	-	-	-	-	-	-	-	-
91	Hatch Feeder Mainline		-	-	-	-	-	-	-	-	-	-	-	-	-
92	Total Projected Operating Expenses		7,436,551	7,612,571	7,919,826	8,088,416	8,251,640	8,418,696	8,589,632	8,764,574	8,943,574	9,126,763	9,314,198	9,506,014	9,702,271
93															
94	PROJECTED DEBT SERVICE														
95	Revenue Bond														
96	Capital Purchases		\$	1,623,600											
97	Initial Operating Cash Fund		\$	250,000											
98	Cost of Issuance	4.00%	\$	74,944											
99	Reserve Fund	10.0%	\$	187,360											
100	Total Financing		\$	2,135,904				\$	171,390						
101															
102	Debt Service (\$)														
103	Total Annual Debt Service		0	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390
104	Coverage: (Net Revenue /Debt Service*		0.15	0.52	0.35	0.34	1.11	1.19	2.04	2.14	3.07	3.22	3.37	3.52	3.69
105															
106	PROJECTED ANNUAL CASH FLOW														
107	Total Projected Revenue		7,461,457	7,702,314	7,980,071	8,147,148	8,442,621	8,622,357	8,938,527	9,131,811	9,470,166	9,677,989	9,891,160	10,109,947	10,334,358
108	Total Projected Operating Expenses		7,436,551	7,612,571	7,919,826	8,088,416	8,251,640	8,418,696	8,589,632	8,764,574	8,943,574	9,126,763	9,314,198	9,506,014	9,702,271
109	Total Annual Debt Service		-	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390
110	Annual Cash Flow - Balance (\$)		24,907	(81,647)	(111,146)	(112,658)	19,590	32,271	177,504	195,846	355,201	379,836	405,571	432,543	460,696
111	Net Present Value of first 13 Years	1,243,558													
112	Cash Reserves - Cumulative														
113	Operating Cushion		437,360	462,267	380,619	269,473	156,815	176,406	208,676	386,181	582,027	937,228	1,317,064	1,722,635	2,155,178
114	Annual Cash Flow (Line 110)		24,907	(81,647)	(111,146)	(112,658)	19,590	32,271	177,504	195,846	355,201	379,836	405,571	432,543	460,696
115	TOTAL CASH RESERVES		462,267	380,619	269,473	156,815	176,406	208,676	386,181	582,027	937,228	1,317,064	1,722,635	2,155,178	2,615,874
116															
117	Operating Funds at Year End		462,267	380,619	269,473	156,815	176,406	208,676	386,181	582,027	937,228	1,317,064	1,722,635	2,155,178	2,615,874
118															

Reorganized Rio Grande Natural Gas Association

Pro Forma Cash Flow - with Replacement Projects

Date: January 2010

Reorganized RGNGA

Sunrise Engineering, Inc

Service area includes: Preferred Scenario as determined by Task Force

Fillmore, Utah

Year:	1	2	3	4	5	6	7	8	9	10	11	12	13
7 WHOLESALE NATURAL GAS COST PROJECTIONS													
8 Gas (Commodity) Price (\$/Dth)	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39
9 Gas Marketing Costs (\$/Dth)	Included												
10 Gas Transportation Costs (\$/Dth)	Included												
11 Total Wholesale Gas Price (\$/Dth)	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39	6.39
12													
13 NATURAL GAS CONSUMPTION & VOLUME PROJECTIONS													
14 Number of Customers -													
15 Residential Growth Rate: 2.5%	8,723	8,941	9,165	9,394	9,629	9,869	10,116	10,369	10,628	10,894	11,166	11,445	11,731
16 Small Commercial 2.5%	238	244	250	256	263	269	276	283	290	297	305	312	320
17 Large Commercial 0.0%	2	2	2	2	2	2	2	2	2	2	2	2	2
18 Irrigation -1.5%	248	244	241	237	233	230	226	223	219	216	213	210	206
19 Industrial 0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Village of Hatch	1	1	1	1	1	1	1	1	1	1	1	1	1
21 TOTAL	9,212	9,432	9,658	9,890	10,127	10,371	10,621	10,878	11,141	11,410	11,687	11,970	12,261
22													
23 Natural Gas Usage per Customer (Dth)													
24 Residential	47	47	47	47	47	47	47	47	47	47	47	47	47
25 Small Commercial	376	376	376	376	376	376	376	376	376	376	376	376	376
26 Large Commercial	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369	34,369
27 Irrigation	137	137	137	137	137	137	137	137	137	137	137	137	137
28 Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-
29 Village of Hatch Growth Rate: 2.0%	75,074	76,575	78,107	79,669	81,263	82,888	84,546	86,236	87,961	89,720	91,515	93,345	95,212
30													
31 Natural Gas Retail Volumes (Dth)													
32 Residential	409,981	420,231	430,736	441,505	452,542	463,856	475,452	487,339	499,522	512,010	524,810	537,931	551,379
33 Small Commercial	89,488	91,725	94,018	96,369	98,778	101,247	103,779	106,373	109,032	111,758	114,552	117,416	120,351
34 Large Commercial	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738	68,738
35 Irrigation	33,976	33,455	32,949	32,442	31,948	31,469	30,989	30,524	30,058	29,606	29,154	28,715	28,277
36 Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Village of Hatch	75,074	76,575	78,107	79,669	81,263	82,888	84,546	86,236	87,961	89,720	91,515	93,345	95,212
38 Total Retail Volume (Dth)	677,257	690,725	704,548	718,722	733,269	748,198	763,504	779,210	795,311	811,832	828,769	846,145	863,957
39 Projected System Losses:													
40 System Losses - Unaccounted for gas (%)	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
41 Total Projected Wholesale Volume (Dth)	682,336	695,905	709,832	724,113	738,769	753,809	769,230	785,054	801,276	817,921	834,985	852,491	870,437
42													
43 PROJECTED CASH INFLOW (REVENUE)													
44 Revenue Determinants:													
45 Retail Rates (\$/Dth) Increase (%)	0.0%	24.4%	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46 Residential \$ 8.264	8.264	10.281	10.281	10.486	10.486	10.486	10.486	10.486	10.486	10.486	10.486	10.486	10.486
47 Small Commercial \$ 7.950	7.950	9.889	9.889	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087
48 Large Commercial \$ 7.624	7.624	9.485	9.485	9.674	9.674	9.674	9.674	9.674	9.674	9.674	9.674	9.674	9.674
49 Irrigation \$ 7.950	7.950	9.889	9.889	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087	10.087
50 Industrial \$ 6.390	6.390	7.949	7.949	8.108	8.108	8.108	8.108	8.108	8.108	8.108	8.108	8.108	8.108
51 Village of Hatch \$ 7.025	7.025	8.739	8.739	8.914	8.914	8.914	8.914	8.914	8.914	8.914	8.914	8.914	8.914
52 Revenue Sources:													
53 Retail Sales													
54 Residential	3,388,165	4,320,249	4,428,255	4,629,741	4,745,485	4,864,122	4,985,725	5,110,368	5,238,127	5,369,080	5,503,307	5,640,890	5,781,912
55 Small Commercial	711,403	907,110	929,787	972,093	996,395	1,021,305	1,046,838	1,073,008	1,099,834	1,127,330	1,155,513	1,184,401	1,214,011
56 Large Commercial	524,072	651,946	651,946	664,985	664,985	664,985	664,985	664,985	664,985	664,985	664,985	664,985	664,985
57 Irrigation	270,099	330,855	325,842	327,245	322,270	317,434	312,597	307,898	303,200	298,639	294,079	289,656	285,234
58 Industrial	-	-	-	-	-	-	-	-	-	-	-	-	-
59 Village of Hatch	527,387	669,191	682,575	710,151	724,354	738,841	753,618	768,690	784,064	799,745	815,740	832,055	848,696
60													

Reorganized Rio Grande Natural Gas Association

Pro Forma Cash Flow - with Replacement Projects

Date: January 2010

Reorganized RGNGA

Sunrise Engineering, Inc

Service area includes: Preferred Scenario as determined by Task Force

Fillmore, Utah

	Year:	1	2	3	4	5	6	7	8	9	10	11	12	13	
61	Monthly Access Charge														
62	Residential	\$13.75	1,439,295	1,475,277	1,512,159	1,549,963	1,588,712	1,628,430	1,669,141	1,710,869	1,753,641	1,797,482	1,842,419	1,888,480	1,935,692
63	Small Commercial	\$17.50	49,980	51,230	52,510	53,823	55,169	56,548	57,961	59,411	60,896	62,418	63,979	65,578	67,218
64	Large Commercial	\$50.00	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
65	Irrigation	\$50.00	148,800	146,520	144,300	142,080	139,920	137,820	135,720	133,680	131,640	129,660	127,680	125,760	123,840
66	Industrial	\$50.00	-	-	-	-	-	-	-	-	-	-	-	-	-
67	Village of Hatch	\$0.00	-	-	-	-	-	-	-	-	-	-	-	-	-
68	Sales Tax		290,200	296,004	301,924	307,963	314,122	320,404	326,812	333,349	340,016	346,816	353,752	360,827	368,044
69	Franchise Fees (collected)		21,800	22,236	22,681	23,134	23,597	24,069	24,550	25,041	25,542	26,053	26,574	27,106	27,648
70	EBID Use Fee		19,800	20,196	20,600	21,012	21,432	21,861	22,298	22,744	23,199	23,663	24,136	24,619	25,111
71	Misc Service Charges		97,300	99,246	101,231	103,256	105,321	107,427	109,576	111,767	114,002	116,283	118,608	120,980	123,400
72	New Premise Connection Fee	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Interest (Line 113)	Rate: 1.00%	4,374	4,947	5,088	3,996	4,524	5,387	6,604	8,189	10,161	12,535	15,332	18,568	22,264
74	Total Projected Revenue		7,493,875	8,996,206	9,180,099	9,510,642	9,707,485	9,909,833	10,117,625	10,331,200	10,550,506	10,775,889	11,007,304	11,245,104	11,489,254
75															
76	PROJECTED CASH OUTFLOW (OPERATING EXPENSES)														
77	General Expense Escalation Factor		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
78	Operating Expenses (\$):														
79	Wholesale Gas Purchases		4,362,723	4,449,478	4,538,525	4,629,831	4,723,540	4,819,707	4,918,303	5,019,477	5,123,200	5,229,624	5,338,725	5,450,657	5,565,398
80	Labor		1,785,672	1,978,020	2,017,580	2,057,932	2,099,091	2,141,072	2,183,894	2,227,572	2,272,123	2,317,566	2,363,917	2,411,195	2,459,419
81	Contract Services		683,500	568,000	734,000	758,000	773,160	788,623	804,396	820,484	836,893	853,631	870,704	888,118	905,880
82	Misc Supplies		60,000	61,200	62,424	63,672	64,946	66,245	67,570	68,921	70,300	71,706	73,140	74,602	76,095
83	Fleet O&M		92,400	94,248	96,133	98,056	100,017	102,017	104,057	106,139	108,261	110,427	112,635	114,888	117,186
84	Insurance		65,400	66,708	68,042	69,403	70,791	72,207	73,651	75,124	76,627	78,159	79,722	81,317	82,943
85	Sales Tax		290,200	296,004	301,924	307,963	314,122	320,404	326,812	333,349	340,016	346,816	353,752	360,827	368,044
86	Franchise Fees		21,800	22,236	22,681	23,134	23,597	24,069	24,550	25,041	25,542	26,053	26,574	27,106	27,648
87	EBID Use Fee		19,800	20,196	20,600	21,012	21,432	21,861	22,298	22,744	23,199	23,663	24,136	24,619	25,111
88	Capital Improvements (\$)														
89	New Service Installations (Materials)	\$250	55,056	56,481	57,917	59,413	60,945	62,491	64,100	65,724	67,413	69,119	70,893	72,685	74,547
90	ABS/PVC Replacements	\$ 5,172,037	0	431,003	431,003	431,003	431,003	431,003	431,003	431,003	431,003	431,003	431,003	431,003	431,003
91	Hatch Feeder Mainline	\$ 9,205,042	-	767,087	767,087	767,087	767,087	767,087	767,087	767,087	767,087	767,087	767,087	767,087	767,087
92	Total Projected Operating Expenses		7,436,551	8,810,661	9,117,916	9,286,506	9,449,730	9,616,786	9,787,722	9,962,664	10,141,664	10,324,853	10,512,288	10,704,103	10,900,361
93															
94	PROJECTED DEBT SERVICE														
95	Revenue Bond														
96	Capital Purchases		\$	1,623,600											
97	Initial Operating Cash Fund		\$	250,000											
98	Cost of Issuance	4.00%	\$	74,944											
99	Reserve Fund	10.0%	\$	187,360											
100	Total Financing		\$	2,135,904											
101															
102	Debt Service (\$)														
103	Total Annual Debt Service		0	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390
104	Coverage: (Net Revenue /Debt Service*		0.33	1.08	0.36	1.31	1.50	1.71	1.92	2.15	2.39	2.63	2.89	3.16	3.44
105															
106	PROJECTED ANNUAL CASH FLOW														
107	Total Projected Revenue		7,493,875	8,996,206	9,180,099	9,510,642	9,707,485	9,909,833	10,117,625	10,331,200	10,550,506	10,775,889	11,007,304	11,245,104	11,489,254
108	Total Projected Operating Expenses		7,436,551	8,810,661	9,117,916	9,286,506	9,449,730	9,616,786	9,787,722	9,962,664	10,141,664	10,324,853	10,512,288	10,704,103	10,900,361
109	Total Annual Debt Service		-	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390	171,390
110	Annual Cash Flow - Balance (\$)		57,324	14,155	(109,207)	52,746	86,364	121,656	158,512	197,146	237,452	279,645	323,625	369,611	417,503
111	Net Present Value of first 13 Years	1,362,210													
112	Cash Reserves - Cumulative														
113	Operating Cushion		437,360	494,684	508,839	399,632	452,378	538,742	660,398	818,910	1,016,056	1,253,507	1,533,152	1,856,778	2,226,388
114	Annual Cash Flow (Line 110)		57,324	14,155	(109,207)	52,746	86,364	121,656	158,512	197,146	237,452	279,645	323,625	369,611	417,503
115	TOTAL CASH RESERVES		494,684	508,839	399,632	452,378	538,742	660,398	818,910	1,016,056	1,253,507	1,533,152	1,856,778	2,226,388	2,643,891
116															
117	Operating Funds at Year End		494,684	508,839	399,632	452,378	538,742	660,398	818,910	1,016,056	1,253,507	1,533,152	1,856,778	2,226,388	2,643,891
118															

**RIO GRANDE NATURAL GAS ASSOCIATION
REORGANIZATION VIABILITY STUDY**

PRELIMINARY IMPLEMENTATION PLAN

Upon the decision by the RGNGA Board of Directors to go forward with the proposed reorganization, the first task will be develop a Detailed Implementation Plan to include but not be limited to the following:

- Review decision to reorganize and planning with appropriate State of New Mexico Pipeline Safety Regulatory officials
- Prepare and implement a public awareness program
- Advertise for and hire key staff for developing and implementing this plan
- Acquire all policies, standards and practice currently in place at the City as they are pertinent to RGNGA operations
- Acquire office, warehouse and yard space
- Negotiate and establish service provider agreements, with qualified service providers, for those services to be outsourced
- Advertise for and hire other personnel for performing natural gas operating and maintenance functions.
- Train and Qualify these individuals as required under CFR 49 Part 192
- Purchase necessary tools, equipment, inventory and supplies necessary to begin gas operations
- Hire and train customer service staff to perform customer contact, billing and other functions associated with natural gas operations
- Begin natural gas operations

**Rio Grande Natural Gas Association
Schedule of Monthly Cost of Natural Gas**

<u>Delivery Month</u>	<u>RGNGA Commodity & Transport.</u>
Jan-07	\$ 7.7100
Feb-07	\$ 7.8186
Mar-07	\$ 7.7831
Apr-07	\$ 6.3653
May-07	\$ 6.9970
Jun-07	\$ 6.9970
Jul-07	\$ 6.8463
Aug-07	\$ 5.5932
Sep-07	\$ 5.1297
Oct-07	\$ 5.6532
Nov-07	\$ 7.0548
Dec-07	\$ 7.0181
Jan-08	\$ 7.0221
Feb-08	\$ 7.6445
Mar-08	\$ 8.4309
Apr-08	\$ 8.5615
May-08	\$ 9.5963
Jun-08	\$ 10.4251
Jul-08	\$ 12.0663
Aug-08	\$ 9.2015
Sep-08	\$ 7.5470
Oct-08	\$ 5.4650
Nov-08	\$ 5.3945
Dec-08	\$ 6.2068
Jan-09	\$ 6.4255
Feb-09	\$ 5.7921
Mar-09	\$ 5.2546
Apr-09	\$ 3.3724
May-09	\$ 2.5224
Jun-09	\$ 2.5477
Jul-09	\$ 3.5075
Aug-09	\$ 3.7184
Sep-09	\$ 2.9827
Oct-09	\$ 3.9343
Nov-09	\$ 5.1966

35 Month Average: \$ 6.3938

RIO GRANDE NATURAL GAS

Fiscal Year Data

Variance Report

Residential Customer Class

Fiscal Year	Avg # of Customers	Growth Rate	Total Dth	Avg Dth/Customer
2007	13,621		694,510	51
2008	14,285	4.9%	673,415	47
2009	14,737	3.2%	648,067	44
3 Year Average				47

Irrigation Customer Class

Fiscal Year	Avg # of Customers	Growth Rate	Total Dth	Avg Dth/Customer
2007	258		40,444	157
2008	254	-1.55%	37,516	148
2009	250	-1.57%	26,868	107
3 Year Average				137

Hatch

Fiscal Year	Avg # of Customers		Total Dth	Avg Dth/Customer
2007	1		83,238	83,238
2008	1		70,665	70,665
2009	1		71,318	71,318
3 Year Average				75,074

Reorganized RGNGA - Small Commercial Customers

RG

COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
211	24-33-01025-0	JURADO, ARTURO	3356163	24	48	58	61	31	9	48
211	24-34-00100-1	PICACHO MOUNTAIN LP	14188414	0	6	17	18	14	10	10
211	24-34-00105-0	BIG SKY INVEST, LLC	14188417	0	6	18	20	12	10	11
211	24-34-01124-1	PICACHO HILLS COUNTRY CLU	5104364	275	219	104	179	12	10	194
211	24-34-01180-0	HILLCREST MEMORIAL GARDEN	3357875	232	203	261	228	112	10	231
211	24-34-02642-0	IRISH PUB	14996768	0	0	0	260	404	10	404
211	24-34-03320-0	IRISH PUB	14550628	0	0	0	0	19	10	19
211	24-59-06400-2	PICACHO HILLS COUNTRY CLU	5580988	871	733	881	841	335	10	832
211	21-53-01795-0	MARQUEZ, URIEL	915147	0	0	86	69	89		39
211	21-53-02040-0	FAMILY DOLLAR #4862	7774665	0	0	0	19	56		56
211	21-53-02041-3	JAKES CAFE	9430747	268	291	250	310	116		280
211	21-53-02042-1	LAMAKER & CO INC	9856270	775	846	890	766	347		819
211	21-53-02110-0	LARRY'S CONVENIENT STORE	4551560	20	23	22	20	9		21
211	21-53-03150-1	DONA ANA MCWCA	2646817	119	119	129	128	84		124
211	21-53-03368-0	DONA ANA COUNTY	5511059	0	0	6	5	0		3
211	21-53-03369-0	DONA ANA COUNTY	9739567	16	10	0	2	3		7
211	21-55-01279-0	H N BAILEY & ASSOCIATES	900073	519	320	250	207	152		324
211	21-55-01980-0	THE FEED STORE	5047576	19	18	20	26	16		21
211	21-55-01996-0	DAY'S HAMBURGERS	6966026	306	315	310	305	122		309
211	21-55-01997-0	RAY'S LIQUOR STORE	798887	45	38	56	52	36		48
211	21-55-02115-4	WELLSPRING CHURCH	7002855	0	0	5	42	28		12
211	21-55-03394-0	WENDELL HULL & ASSOC INC	993619	87	79	75	115	116		89
211	21-58-03230-4	K & S AUTOMOTIVE ELEC	3506625	102	86	104	111	68		101
211	21-58-03239-1	HOLOCOM	3506530	0	0	0	60	52		15
211	22-11-02954-2	SCHAEFER OUTFITTER	915701	0	33	29	27	14		22
211	22-11-04762-0	CASA MEXICANA TILE DIST	9119501	76	64	69	56	31		66
211	22-11-04763-3	MESILLA APOSTOLIC CHURCH	3507386	0	0	0	0	2		0
211	22-11-04766-0	FRUITLAND NURSERY	434867	0	8	26	26	21		15
211	22-11-04767-0	VALLEY EQUIPMENT	4896919	38	17	51	17	18		31
211	22-11-04776-0	GARRISON, KIP D	5047365	32	20	28	15	9		24
211	22-11-04777-0	BROWN, ROBERT D	5046848	19	15	18	14	11		17
211	22-11-04778-2	JAMES, DARRELL L	5047181	48	36	62	48	23		49
211	22-13-01775-1	LIRIO DE LOS VALLES CHURCH	3507537	37	32	14	41	24		31
211	22-13-01870-0	KOENIG, DAVE	5510973	142	142	133	134	65		138
211	22-44-01371-0	TRAILS END ROAD IRRIG	940952	245	359	230	184	102		255
211	22-44-01770-1	AAA HOLDING LLC	5041526	34	20	22	0	15		19
211	22-44-01993-0	BIAD CHILI LTD CO	9001853	735	1,092	761	789	201		844
211	22-44-02779-2	WYNNE, ROBERT	9530832	51	29	48	46	27		44
211	22-45-01465-0	RADIUM SPRINGS COMM. CTR	715677	318	242	277	307	202		286

Reorganized RGNGA - Small Commercial Customers

RG

COMM ACCTS - 5 YEARS ICONS TOTALS

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
211	22-45-01620-2	ST MARYS AT HILL	915020	0	31	51	66	26		37
211	22-45-01640-0	HILL BAPTIST CHURCH	7774784	258	224	313	328	123		281
211	22-45-01703-0	PORTER, FAUBION	3357323	37	30	28	19	6		29
211	22-46-02120-0	LAS CRUCES SCHOOL DIST	8550028	85	112	108	148	95		113
211	22-46-03025-0	PIC QUICK	903006	0	222	310	301	121		208
211	22-46-03075-1	FAIRACRES POST OFFICE	5511373	86	63	87	104	54		85
211	22-46-03085-0	DOAK TRANSPORT INC	7712288	213	189	170	164	103		184
211	22-46-03090-0	BINNS WINERY	6278563	4	6	4	3	3		4
211	22-46-03340-0	MESILLA VALLEY TRANSPORT	1377179	237	177	236	226	134		219
211	22-46-03515-1	ACES GARAGE	798884	38	23	24	19	17		26
211	22-46-03730-0	CHACON, DAWN	14550723	0	0	0	7	8		2
211	22-47-01803-2	CHAVEZ, OPHELIA	5047532	114	151	147	0	158		103
211	23-14-01580-3	A & E ENTERPRISES INC	2647446	19	1	6	144	47		43
211	23-14-01600-2	DONA ANA COUNTY-NM	2647298	0	0	0	0	87		87
211	23-14-01700-0	MESQUITE BAPTIST CHURCH	5511468	48	33	46	55	26		46
211	23-14-02080-0	MESQUITE CATHOLIC CHURCH	725188	19	12	17	13	8		15
211	23-14-02100-0	MESQUITE PARISH HALL	2647341	148	151	130	150	64		145
211	23-14-02101-1	SOUTH PLAINS IMPLEMENT LT	5665061	222	192	162	161	64		184
211	23-14-02743-2	EL VALLE AUTO PARTS	2647423	35	41	50	66	46		48
211	23-14-02894-2	SEGURA, SIMON	2647629	236	336	400	410	147		346
211	23-14-02981-0	VADO CONG OF JOHOVAHS WIT	7051552	41	46	64	76	38		57
211	23-14-02993-1	S & I ENTERPRISE	6025320	246	297	349	264	147		289
211	23-14-03020-1	VADO MUTUAL DOMES WAT ASO	2647570	152	162	170	190	92		169
211	23-14-03068-0	CERVANTES ENTERPRISES	5047235	23	21	24	32	16		25
211	23-14-03080-1	MESILLA VALLEY FERT SER I	5511241	60	52	64	62	39		60
211	23-14-03092-6	BETANCOURT, ANGIE	2647593	126	110	26	24	10		72
211	23-14-03560-0	MCMAMEE, MIKE	4733708	40	28	30	44	18		36
211	23-14-03676-1	FAMILY DOLLAR #4928	7774668	0	0	49	13	3		16
211	23-15-01100-0	SAN PEDRO CATHOLIC CHURCH	5100908	38	42	54	56	55		48
211	23-15-01884-7	NINO, LORENZO	2647617	138	225	216	134	43		178
211	23-15-02407-7	EBENEZER	2648174	32	33	32	40	21		34
211	23-21-03801-2	BUKER, JOHN	14602008	0	0	6	47	33		13
211	23-21-05135-4	MORRISON, BRETT	7774676	627	457	261	579	431		481
211	23-23-01440-0	BENAVIDEZ, JOSE M	2648074	421	400	392	430	180		411
211	23-23-01640-3	EAGLE GROCERY	2648139	218	192	286	410	222		277
211	23-23-01720-0	BAUER, JOYCE L	413395	28	24	23	25	14		25
211	23-23-02160-0	MONTES, JAIME	2646911	1	2	2	1	0		2
211	23-23-02383-0	SEVERO'S RESTAURANT	9430767	442	437	432	457	156		442
211	23-24-01216-0	CONCILIO CAMPESINO	14605532	148	137	154	136	77		144

Reorganized RGNGA - Small Commercial Customers

RG
COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
211	23-24-01218-0	CONCILIO CAMPESINO	7051569	123	83	89	100	58		99
211	23-24-01317-1	COMMUNITY ACTION	5511369	89	83	103	110	83		96
211	23-24-01842-0	SILVER FARMS	3785609	16	1	763	128	1		227
211	23-24-02240-0	BORUNDA, E G	2647036	43	41	53	40	25		44
211	23-31-01330-2	SUNLAND NURSERY (OFFICE)	924690	55	106	540	414	281		279
211	23-31-01600-4	SAKATA SEED AMERICA INC	3508188	53	47	51	60	31		53
211	23-31-04356-1	DLO ELECTRIC	3357456	15	27	31	6	17		20
211	23-71-03750-2	NUNEZ, RAMIRO	30604	565	639	676	647	235		632
211	24-36-02343-0	RTD HARDWARE	5046534	9	5	14	11	3		10
211	24-36-02520-1	OSTOS, AUGUSTINE	5046785	47	47	54	76	39		56
211	24-36-02920-1	PAUL'S PLUMBING	5046820	33	30	40	47	32		38
211	24-36-02960-1	AGAVE PROPERTIES	5041672	181	171	200	198	91		188
211	24-36-02963-3	AGAVE PROPERTIES	5047216	39	33	36	45	19		38
211	24-42-01982-0	ACADEMY FENCE CO	5047206	66	69	68	57	33		65
211	24-42-02300-0	LA PIERRE ELECTRONICS	2646893	37	40	29	57	30		41
211	24-42-07010-4	ROGERS, FRED L	7002750	8	16	36	36	17		24
211	24-43-02985-0	PIC QUICK STORE	142884	1	1	10	4	0		4
211	24-43-03828-0	B & H MECHANIC	5041632	224	173	195	197	124		197
211	24-43-04175-0	DONA ANA CAR WASH	5046615	135	118	100	100	39		113
211	24-59-00700-1	SAVERS SUPERMART	142896	267	184	176	169	209		199
211	24-59-01800-1	ALASKA INDUSTRIES	7516055	235	213	354	536	647		335
211	24-59-01821-0	BIAD CHILI CO	9001846	289	249	226	461	23		306
211	24-59-02100-0	PICACHO MISSION	2008036	122	106	136	139	90		126
211	24-59-02200-0	DICKERSON, CHARLES F	1376787	364	378	425	286	117		363
211	24-59-02300-0	MESILLA VALLEY TRANSPORTA	880545	987	741	351	149	49		557
211	24-59-02500-2	SUNLAND NURSERY CO	884351	0	0	1354	2729	1,262		2,042
211	24-59-03500-8	ALVILLAR, PATTY A	1376784	550	562	515	535	196		541
211	24-59-03600-7	PETROLEUM WHOLESALE LP	9854985	1,870	1,502	1,336	1,468	393		1,544
211	24-59-03700-1	DERUYTER, ED	993600	2,459	2,699	2,306	2,686	1,062		2,538
211	24-59-03800-5	MORRISON, SHAELAN	3357239	77	81	70	72	40		75
211	24-59-07500-2	HORIZON HEALTH CARE #307	9119551	3,691	3,364	3,451	3,409	1,562		3,479
211	24-59-08050-2	COTTONBLOOM	9648075	555	666	668	548	212		609
211	24-59-08060-0	REZOLEX LDT CO	9739578	16,553	15,941	12,465	14,319	2,020		14,820
211	24-59-08085-0	VADO ELEMENTARY SCHOOL	20403874	83	204	203	198	63		172
211	24-91-01020-0	STAHMANN'S, INC.	6041348	6,372	7,794	7,651	8,008	3,050		7,456
TOTAL Rate 211 - COMMERCIAL GAS (SMALL)										48,215

213	21-53-02265-0	U S POST OFFICE	7002880	16	10	9	11	12		12
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Reorganized RGNGA - Small Commercial Customers

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COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
213	21-53-03070-0	DONA ANA COMMUNITY CENTER	913357	125	171	156	145	100		149
213	21-55-02500-0	SAN ISIDRO CATHOLIC CHAPE	3747679	54	43	33	28	25		40
213	21-57-02141-0	LAS CRUCES SCHOOL DIST	3507297	20	17	15	21	13		18
213	22-46-03362-0	ENGLISH CONG OF JEHOVAH	6092849	83	75	99	115	61		93
213	23-14-01004-0	MESQUITE FIRE DEPT	628907	192	103	118	125	117		135
213	23-14-01320-0	GADSDEN SCHOOL	9138214	1,990	1,310	1,351	1,323	723		1,494
213	23-14-02240-0	DEL VALLE METHODIST CHURC	2647502	38	38	36	26	14		35
213	23-14-02242-1	U S POST OFFICE	5511243	16	16	22	27	13		20
213	23-15-02020-0	DONA ANA COUNTY	14605526	133	121	121	108	94		121
213	23-21-02545-1	CHAMBERINO FIRE STATION	2647727	179	133	169	232	119		178
213	23-21-04220-0	LA MESA BAPTIST CHURCH	2648060	99	111	133	145	61		122
213	23-21-04915-1	U S POSTAL SERVICE	7002836	13	9	12	16	10		13
213	23-21-06002-1	SAN LUIS REY CHURCH	5078360	2	3	0	3	0		2
213	23-23-01020-0	LA MESA UNITED METHODIST	2647088	72	57	62	83	25		69
213	23-23-01120-0	U S POST OFFICE	3747800	32	28	43	33	12		34
213	23-23-02030-0	SAN JOSE CHURCH	2646867	43	61	67	82	40		63
213	23-23-02580-0	LA MESA FIRE DEPT	30800	111	72	95	74	43		88
213	23-24-02072-1	U.S. POST OFFICE	2646967	17	18	26	25	11		22
213	23-24-02080-1	SAN MIGUEL CATH. CHURCH	3473045	41	24	39	28	11		33
213	23-24-02810-1	SAN MIGUEL CATHOLIC CH	3506350	193	161	159	111	94		156
213	23-31-01110-0	NMSU LEYENDECKER PSRC	3488595	321	723	918	1,139	429		775
213	23-31-01170-0	ENTOMOLOGY DEPT/NMSU	3507557	322	244	179	152	139		224
213	23-31-01175-0	NEW MEXICO STATE UNIV	3507676	210	306	135	0	0		0
213	23-31-03084-0	DONA ANA COUNTY	7774796	91	104	159	123	65		119
213	23-71-03672-0	U S POST OFFICE	3357808	22	17	32	16	8		22
213	24-34-02521-1	FAIRACRES VOLUNTEER FIRE	3356109	94	94	109	132	77		107
213	24-43-04285-0	OUR LADY OF PURIFICATION	3746726	43	34	37	39	19		38
213	24-43-04290-0	OUR LADY OF PURIFICATION	1216262	61	51	28	24	12		41
213	24-59-00800-0	LAS CRUCES SCHOOL DIST	880556	1,756	1,118	1,088	1,149	520		1,278
213	24-59-00925-0	LAS CRUCES PUBLIC SCHOOLS	1000914	3,368	3,287	3,777	3,631	1,864		3,516
213	24-59-01000-0	LAS CRUCES SCHOOL DIST	447586	346	345	359	354	202		351
213	24-59-01200-0	DONA ANA VOL FIRE DEPT	7002558	18	11	23	27	9		20
213	24-59-01500-0	HOLY CROSS RETREAT	9822038	1,104	1,016	990	909	403		1,005
213	24-59-01700-0	NEW COVENANT FELLOWSHIP	6204479	119	148	141	105	42		128
213	24-59-04300-0	GADSDEN, SCHOOL DISTRICT	8924662	8,059	6,463	6,558	6,112	3,798		6,798
213	24-59-04700-0	SAN JOSE RECTORY + CHURCH	4500503	125	158	153	118	59		139
213	24-59-04705-0	GADSDEN INDEPENDENT SCHOO	447582	0	0	0	378	143		378
213	24-59-04800-0	GADSDEN SCHOOL DIST	5442193	948	115	436	670	432		542
213	24-59-04900-0	GADSDEN SCHOOL NM DIST	9739574	1,328	1,438	1,304	969	201		1,260

Reorganized RGNGA - Small Commercial Customers

RG COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
213	24-59-06700-1	LAS CRUCES SCHOOL DIST	9138216	466	619	668	661	406		604
213	24-59-07000-2	LAS CRUCES SCHOOL DIST	9822045	1,237	977	932	932	465		1,020
213	24-59-07200-0	OUR LADY OF PURIFICATION	4733688	37	34	33	33	18		34
TOTAL - Rate 213 - COMMERCIAL GAS (SMALL) N/TAXED										21,292

214	23-71-03527-2	HINSA VALLEY CORP	8879843	667	106	11	0	0	9	196
214	23-71-03530-3	PROJECT FIFTY FIFTY, LLC	2648170	13	1	14	8	4	9	9
214	23-71-03532-6	ST CLAIR WINE & BISTRO #2	1835834	19	13	852	990	349	9	469
214	23-71-03535-0	1ST NAT'L BANK IN MESILLA	6092852	73	56	60	52	26	9	60
TOTAL - Rate 214 - COMMERCIAL GAS (SMALL) IN CITY										734

215	24-59-03000-0	MESILLA PARK SCHOOL	9946559	778	817	757	737	379	9	772
TOTAL - Rate 215 - COMMERCIAL GAS (SMALL)/CITY/N/T										772

216	23-31-02200-0	SALOPEK, JOHN	14605499	0	0	0	0	159	9	159
216	23-71-01040-0	JORNADA LODGE-70 AF+AM	3356646	41	38	40	43	33	9	41
216	23-71-01150-1	MESILLA PROPERTY HOLDING	715768	8	46	59	80	49	9	48
216	23-71-01790-3	OLD MESILLA KENNELS	3357384	152	114	102	162	155	9	133
216	23-71-02318-0	MESILLA VALLEY FINE ARTS	670820	1	4	9	10	7	9	6
216	23-71-02319-1	LA MARIEPOSA	601318	14	34	21	37	24	9	27
216	23-71-02980-2	THE SILVERSMITH INC.	941466	50	70	48	42	21	9	53
216	23-71-03040-3	THE SILVERSMITH	3357830	49	48	40	39	17	9	44
216	23-71-03058-2	BASILICA OF SAN ALBINO	941462	46	57	68	71	52	9	61
216	23-71-03060-0	LA POSTA I	9856272	2,459	2,427	2,733	2,959	1,269	9	2,645
216	23-71-03140-1	CAPLAN, NANCY A	3357813	116	101	116	112	68	9	111
216	23-71-03250-2	PAISANO CAFE LLC	14189642	0	219	467	473	145	9	290
216	23-71-03260-0	BOLDT FAMILY LLC	14188956	0	1	7	5	4	9	3
216	23-71-03280-2	GRIJALVA, MIGUEL	3357837	130	104	180	76	120	9	123
216	23-71-03360-8	GALERI AZUL	14601563	12	9	2	13	10	9	9
216	23-71-03390-2	SPATINI	725460	0	18	16	19	9	9	13
216	23-71-03425-0	TOWN OF MESILLA	924721	52	127	166	132	63	9	119
216	23-71-03460-5	EL COMEDOR	3357656	381	386	428	432	156	9	407
216	23-71-03480-6	GOING NUTS	3357821	656	841	894	810	172	9	800
216	23-71-03536-2	FARM BUREAU FINANCIAL SER	725437	14	12	13	10	6	9	12
216	23-71-03537-4	ARTS Y	725439	9	20	23	23	15	9	19
216	23-71-03635-6	EL COMEDOR	3357661	26	28	25	0	0	9	20

Reorganized RGNGA - Small Commercial Customers

RG

COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
216	23-71-03641-7	MERCADO VENTURES LLC	3747828	7	7	8	1	0	9	6
216	23-71-03642-1	ALEXANDER, MARY V	3357819	9	13	16	22	13	9	15
216	23-71-03645-5	VANDERWAGEN, FLORA	941460	36	8	38	36	16	9	30
216	23-71-03647-0	DOUBLE EAGLE RESTAURANT	9119508	1,745	1,738	1,796	2,010	651	9	1,822
216	23-71-03648-4	MERCARDO VENTURES LLC	3747816	7	3	1	6	0	9	4
216	23-71-03649-1	EDWARD JONES & CO	3747814	1	1	1	5	4	9	2
216	23-71-03650-2	CHEEKY CHICKS LLC	3747827	46	36	33	15	1	9	33
216	23-71-03653-0	BOWLIN, MARY A.	5041637	84	73	76	84	50	9	79
216	23-71-03655-1	EL MARIACHI CURIO	3357847	22	13	17	20	15	9	18
216	23-71-03656-0	MERCADO VENTURES	5045913	91	75	78	23	0	9	67
216	23-71-03657-5	INDIAN RUG SHOP	941467	35	33	44	40	24	9	38
216	23-71-03674-4	KOKOPELLI	3357852	24	19	22	35	26	9	25
216	23-71-03675-2	KOKOPELLI CAFE	3357846	6	10	12	13	6	9	10
216	23-71-03678-2	JACKSON, RICHARD	14602167	10	16	19	22	7	9	17
216	23-71-03679-4	LUNA ROSSA WINERY INC	3747042	0	0	8	17	7	9	6
216	23-71-03698-3	FOUNTAIN, THEATRE	3356789	80	56	21	20	8	9	44
216	23-71-03699-1	SOUTHARO, ROBERT	941465	41	32	35	34	41	9	36
216	23-71-03700-4	LA POSTA	3357838	35	47	45	52	26	9	45
216	23-71-03702-1	THE PURPLE LIZARD	3357860	15	13	19	25	9	9	18
216	23-71-03714-1	PALACIO BAR	941445	59	37	54	131	51	9	70
216	23-71-03725-0	MESILLA COMMUNITY CENTER	1377186	380	446	497	505	211	9	457
216	23-71-03736-1	NAMBE MILLS INC	3357828	35	36	44	59	24	9	44
216	23-71-03741-3	THE BORDER BOOK FESTIVAL	3357859	11	5	12	11	8	9	10
216	23-71-03744-5	IMPRESIONS	941471	20	14	12	9	7	9	14
216	23-71-03763-0	LORENZO'S RESTAURANT	4733677	973	947	1,026	966	337	9	978
216	23-71-03764-0	SHEFFIELD DEVEL	3747761	71	0	0	0	0	9	18
216	23-71-03767-1	SHORTY'S FOOD MART	3356360	191	169	135	141	27	9	159
216	23-71-03771-3	ROBLES, KIRSTIE	3748163	31	28	16	6	9	9	20
216	23-71-03778-1	LAS COSAS	14188428	0	23	84	40	18	9	37
216	23-71-03781-0	PRESTON CONTEMPORARY ART	19605367	0	0	0	42	104	9	11
216	23-71-04017-2	CAFE DON FELIX	725516	256	258	282	293	92	9	272
216	24-59-05300-1	4-POINTS GIN	6702462	0	0	0	0	0	9	0
216	24-59-05400-3	MAY ENTERTAINMENT	2522214	383	444	130	696	7	9	413
216	24-59-05500-0	BASILICA /SAN ALBINO-OFC	5077378	83	74	89	70	43	9	79
216	24-59-05600-2	LVT & CO SPECIALTY SHOPS	7516054	35	22	23	31	24	9	28
216	24-59-05700-0	TAYLOR, PAUL	715693	157	177	116	242	95	9	173
216	24-59-05800-0	FRIETZE, ROBERTO L	233693	132	132	130	129	71	9	131
216	24-59-05900-1	EL PATIO BAR	3747299	31	35	35	42	19	9	36
216	24-59-06000-1	DONA ANA PROPERTIES	1417296	197	167	159	167	95	9	173

Reorganized RGNGA - Small Commercial Customers

RG COMM ACCTS - 5 YEARS (CONS TOTALS)

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
216	24-72-01013-3	DICK'S CAFE DE MESILLA	5078407	559	537	527	466	151	9	522
216	24-72-01016-6	ANDELE'S TORTILLARIA	3357842	39	1	0	0	6	9	10
216	24-72-01018-0	JARDIN DE LOS NINOS	4553424	0	0	0	0	17	9	17
216	24-72-03084-0	MESILLA VALLEY SPANISH	3748002	63	67	51	45	22	9	57
216	24-72-03105-0	BINNS CONST	4553424	0	0	0	0	15	9	15
216	24-72-03809-2	ANDELE RESTAURANT	14996757	0	0	0	436	160	9	109
216	24-72-03900-0	BASILICA/SAN ALBINO RECRE	3357515	69	90	92	63	46	9	79
216	24-72-03916-7	SKOLNICK, ROBERT	3356574	19	16	15	6	4	9	14
216	24-72-03930-7	CUTTER, GLENN/SARAH	941469	27	28	32	35	22	9	31
216	24-72-04040-0	THE POTTERIES	7774694	0	103	83	72	21	9	65
216	24-72-04045-0	THE POTTERIES	915689	0	11	14	13	5	9	10
TOTAL - Rate 216 - COMMERCIAL GAS (SMALL) MESILLA										11,502

217	24-59-01300-0	LAS CRUCES SCHOOL DIST	9120618	1,554	1,604	2,283	2,239	872	9	1,920
217	24-59-06100-0	LAS CRUCES SCHOOL DIST	9138138	506	612	647	643	403	9	602
217	24-59-07400-0	LAS CRUCES SCHOOL DIST	9946562	828	867	771	851	420	9	829
217	24-72-02160-0	TOWN HALL MESILLA	3356792	128	126	142	140	72	9	134
217	24-72-02180-0	MESILLA FIRE DEPT	5077401	120	79	80	55	20	9	84
TOTAL - Rate 217 - COMMERCIAL GAS (SMALL) MES N/T										3,569

TOTAL (Mcf) 86,084

Customers 238

Average Use(Mcf) /Customer 362

Average Use(Dth) /Customer 376

(Based on 1 cf = 1040 Btu)

Reorganized RGNGA - Small Commercial Customers

RG

COMM. ACCT 5 YEARS I CONS TOTALS

RATE	ACCOUNT	NAME	METER	2005	2006	2007	2008	2009	Zone	AVG
1242	24-59-01820-0	BIAD CHILI CO	8923906	0	30,313	29,315	25,074	189		28,234
1243	24-59-01992-0	BIAD CHILI LTD CO	8923908	0	36,567	39,141	37,872	0		37,860

TOTAL (Mcf)

Customers

Average Use(Mcf) /Customer

Average Use(Dth) /Customer

(Based on 1 cf = 1040 Btu)

City of Las Cruces & RGNGA - Rate Summaries

City of Las Cruces - Rates Summary

Gas Rates		
Customer Class	Current Effective: 7/1/05	
	Access	Volume
Residential	\$ 13.75	\$ 1.330
Small Commercial	\$ 16.41	\$ 0.970
Large Commercial	\$ 214.86	\$ 1.010
Irrigation	\$ 16.56	\$ 0.620
Industrial	\$ 859.44	\$ 1.010
Co-generation	\$ 1,043.41	\$ 0.290

Obtained from the City of Las Cruces Website 12-12-09

RGNGA - Rates Summary

Gas Rates				
Customer Class	Current Effective: 7/1/09		Gas Avg	Total Rate
	Access	Volume		
Residential	\$ 13.75	\$ 1.87420	\$ 6.39	\$ 8.264
Commercial	\$ 17.50	\$ 1.55970	\$ 6.39	\$ 7.950
Commercial (West Mesa)	\$ 17.50	\$ 1.53550	\$ 6.39	\$ 7.926
Large Commercial	\$ 50.00	\$ 1.23420	\$ 6.39	\$ 7.624
Large Commercial (West Mesa)	\$ 50.00	\$ 1.21000	\$ 6.39	\$ 7.600
Irrigation	\$ 10.00	\$ 1.55970	\$ 6.39	\$ 7.950
F & A Dairy	\$ 50.00	Varies		Varies
NASA	\$ 1,595.00	\$ 0.16410	\$ 6.39	\$ 6.554
Village of Hatch	\$ -	\$ 0.63490	\$ 6.39	\$ 7.025

Obtained from RGNGA 12-15-09

Reorganized RGNGA - Sales Tax Estimates

		Sales Tax Rate	# of Customers*	Ave Use Customer	Dth/Rate**	Rate/Dth	Sales Tax	
Rate	Description	%						
101	DOMESTIC GAS	6.25%	7981	47	375,107	\$ 8.2642	\$ 193,747.45	
103	DOMESTIC GAS - NON TAXED	0.00%		47	0	\$ 8.2642	\$ -	
106	DOMESTIC GAS / MESILLA	6.25%	742	47	34,874	\$ 8.2642	\$ 18,012.86	
211	COMMERCIAL GAS (SMALL)	6.25%			48,215	\$ 7.9497	\$ 23,956.05	
213	COMMERCIAL GAS (SMALL) N/TAXED	0.00%			21,292	\$ 7.9497	\$ -	
214	COMMERCIAL GAS(SMALL) IN CITY	7.43%			734	\$ 7.9497	\$ 433.54	
215	COMMERCIAL GAS(SMALL)/CITY/N/T	0.00%			772	\$ 7.9497	\$ -	
216	COMMERCIAL GAS (SMALL) MESILLA	6.25%			11,502	\$ 7.9497	\$ 5,714.84	
217	COMMERCIAL GAS (SMALL) MES N/T	0.00%			3,569	\$ 7.9497	\$ -	
311	IRRIGATION GAS	6.25%	224	137	30,688	\$ 7.9497	\$ 15,247.52	
313	IRRIGATION GAS - NON TAXED	0.00%	1	137	137	\$ 7.9497	\$ -	
316	IRRIGATION GAS / MESILLA	6.25%	23	137	3,151	\$ 7.9497	\$ 1,565.59	
1242	LARGE COMM. BIAD MESILLA	6.25%			28,234	\$ 7.6242	\$ 13,453.85	
1243	LARGE COMM. BIAD NORTH	6.25%			37,860	\$ 7.6242	\$ 18,040.76	
* Information supplied by RGNGA - June 2009 Data								
** Commercial Dth data obtained from Task Force Report							Sales Tax Estimate:	\$ 290,172

Reorganized RGNGA - Franchise Fee Estimates				
RIO GRANDE NATURAL GAS ASSOCIATION				
CLC, Mesilla, and EBID Franchise Tax				
Fiscal Year	Mesilla	CLC	EBID	Total
FY 2006	\$ 18,714	\$ 79,174	\$ 18,899	\$ 116,786
FY 2007	\$ 24,231	\$ 82,760	\$ 21,465	\$ 128,456
FY 2008	\$ 25,242	\$ 80,264	\$ 20,080	\$ 125,586
FY 2009	\$ 19,075	\$ 72,964	\$ 18,733	\$ 110,772
4 year Averages	\$ 21,815	\$ 78,791	\$ 19,794	\$ 120,400

Reorganized RGNGA - Misc Service Charge Estimates

Rate	DESCRIPTION	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	TOTAL
72	RETURNED CHECKS	\$ 876.97	\$ 591.41	\$ 403.22	\$ 101.87	\$ 691.06	\$ 842.27	\$ 580.97	\$ 695.93	\$ 11.84	\$ 1,787.05	\$ 898.31	\$ 821.55	\$ 8,302.45
73	SERVICE ACTIVATION FEE	\$ 3,444.00	\$ 4,788.00	\$ 7,119.00	\$ 6,111.00	\$ 6,648.00	\$ 7,533.00	\$ 8,299.00	\$ 4,350.00	\$ 7,731.00	\$ 8,118.00	\$ 7,851.00	\$ 3,990.00	\$ 75,982.00
74	SERVICE CHARGE		\$ 1,953.01	\$ (10.82)	\$ 4,598.50		\$ 9,780.00	\$ 3,769.18	\$ 8,539.18	\$ 2,432.35	\$ 18,660.00	\$ 2,595.00	\$ 52,316.40	
75	INTEREST ADJUSTMENTS	\$ (35.33)	\$ (114.88)	\$ (54.31)	\$ (10.69)	\$ (10.95)			\$ (5.54)	\$ 4.16	\$ (63.55)	\$ (4.18)	\$ (3.01)	\$ (298.28)
77	DEPOSIT ADJUSTMENTS			\$ (60.00)	\$ 60.00				\$ (100.00)	\$ 60.00	\$ (120.00)		\$ (100.00)	\$ (260.00)
78	WINTER TURN ON FEE	\$ 21.00	\$ 21.00		\$ 63.00	\$ 126.00	\$ 105.00	\$ 385.00	\$ 70.00		\$ 35.00	\$ 35.00		\$ 861.00
80	RELIGHT CHARGE					\$ 390.00	\$ 1,560.00	\$ (130.00)				\$ 35.00	\$ 130.00	\$ 1,985.00
82	RETURNED CHECK CHARGES	\$ 63.00	\$ 156.00	\$ 63.00	\$ 42.00	\$ 126.00	\$ 147.00	\$ 150.00	\$ 120.00	\$ (30.00)	\$ 210.00	\$ 150.00	\$ 120.00	\$ 1,317.00
83	FIELD SERVICE FEE					\$ 595.00	\$ 6,545.00	\$ 7,630.00	\$ 4,410.00	\$ 7,595.00	\$ 7,560.00	\$ 7,655.00	\$ 4,200.00	\$ 46,190.00
84	SERVICE ACT FEE AFTERHOURS				\$ 42.00		\$ 95.00		\$ 190.00	\$ 285.00	\$ 225.00	\$ 190.00		\$ 1,027.00
86	LATE CHARGE	\$ 120.11	\$ 96.29	\$ 71.92	\$ 79.48	\$ 94.33	\$ 99.61	\$ 247.28	\$ 359.31	\$ 233.86	\$ 259.71	\$ 93.15	\$ 40.03	\$ 1,795.08
87	DELINQUENT REACTIVATION CHARG	\$ 1,722.00	\$ 231.00	\$ 861.00	\$ 2,751.00	\$ 735.00	\$ 35.00			\$ 525.00	\$ 3,255.00	\$ 1,610.00	\$ 5,985.00	\$ 17,710.00
93	DEACTIVATION MINIMUM CHARGES										\$ 23.36			\$ 23.36
98	TRANSFER TO INACTIVE			\$ (5,051.06)				\$ (12,003.17)	\$ (21,698.05)	\$ (50,793.17)	\$ (1,077.65)	\$ (1,300.66)		\$ (91,923.76)
99	MISCELLANEOUS	\$ 3,294.71	\$ 3,401.99	\$ 4,932.74	\$ 2,519.25	\$ 99.04	\$ 4,470.67	\$ 2,217.48	\$ 1,368.31	\$ 1,868.79	\$ 3,977.73	\$ 2,699.90	\$ 17,488.15	\$ 48,338.76

Report from RGNGA

Customers	ANNUAL	\$163,366.01
15055 Current RGNGA		
8964 New RGNGA	% for New RGNGA	59.5%
Projected Misc Income for New RGNGA		\$ 97,270.87

Reorganized RGNGA - Labor Cost Estimates

Position	No.	Equiv Grade	Hourly Rate	Annual Labor	35% Overhead	Total
<u>Administration</u>						
Pres/General Manager	1	63		\$ 90,000.00	\$ 31,500.00	\$ 121,500.00
Administrative Assistant/HR	1	31	\$ 24.00	\$ 49,920.00	\$ 17,472.00	\$ 67,392.00
Administrative Assistant/HR	1	31	\$ 24.00	\$ 44,000.00	\$ 15,400.00	\$ 59,400.00
Compliance / Training Admin	1	52	\$ 28.00	\$ 58,240.00	\$ 20,384.00	\$ 78,624.00
	4			\$ 242,160.00	\$ 84,756.00	\$ 326,916.00
<u>Customer Service Office</u>						
Office Manager	1	55		\$ 72,000.00	\$ 25,200.00	\$ 97,200.00
Office Assistant Senior	1	23	\$ 23.00	\$ 47,840.00	\$ 16,744.00	\$ 64,584.00
Cashier/Front Counter	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Cashier/Front Counter	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Phones / Billing	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Phones / Billing	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Collector / Accounts Receivables	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Collector / Accounts Receivables	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Dispatcher	1	30	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
Meter Reader	1	28	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Meter Reader	1	28	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
O&M Clerical Support	1	19	\$ 21.00	\$ 43,680.00	\$ 15,288.00	\$ 58,968.00
	12			\$ 548,320.00	\$ 191,912.00	\$ 740,232.00
<u>Operations & Maintenance</u>						
Operations Manager	1	56		\$ 75,000.00	\$ 26,250.00	\$ 101,250.00
Field Supervisor	1	53		\$ 61,000.00	\$ 21,350.00	\$ 82,350.00
Crew Leader	1	45	\$ 27.00	\$ 56,160.00	\$ 19,656.00	\$ 75,816.00
Construction Tech	1	28	\$ 17.00	\$ 35,360.00	\$ 12,376.00	\$ 47,736.00
Construction Tech	1	28	\$ 17.00	\$ 35,360.00	\$ 12,376.00	\$ 47,736.00
Operator	1	32	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Operator	1	32	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Locator/Inspector	1	41	\$ 18.00	\$ 37,440.00	\$ 13,104.00	\$ 50,544.00
Eng Tech/Designer	1	45	\$ 26.00	\$ 54,080.00	\$ 18,928.00	\$ 73,008.00
Warehouseman	1	40	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
CP Technician	1	42	\$ 20.00	\$ 41,600.00	\$ 14,560.00	\$ 56,160.00
Service Technician	1	40	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Service Technician	1	40	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Service Technician	1	40	\$ 19.00	\$ 39,520.00	\$ 13,832.00	\$ 53,352.00
Measurement Tech	1	43	\$ 20.00	\$ 41,600.00	\$ 14,560.00	\$ 56,160.00
	15			\$ 674,720.00	\$ 236,152.00	\$ 910,872.00
Total Reorganized RGNGA	31			\$ 1,465,200.00	\$ 512,820.00	\$ 1,978,020.00

Reorganized RGNGA - Contract Service Estimates

	<u>\$ Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4></u>
<u>Buildings & Facilities</u>				
Office, Warehouse & Yard Facilities Lease	\$ 102,000.00	\$ 102,000.00	\$ 102,000.00	\$ 105,000.00
Building Improvements	\$ 100,000.00	\$ 10,000.00	\$ 5,000.00	\$ 2,500.00
Janitorial + Maintenance	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
<u>Gas Consultant</u>				
O&M Records & Reports / Compliance Rev	\$ 25,000.00			
Planning & Implementation	\$ 75,000.00			
O&M Training / Qualifications	\$ 30,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
<u>Engineering and Design</u>				
Design Standards & Specifications	\$ 20,000.00	\$ 50,000.00	\$ 30,000.00	\$ 30,000.00
<u>Legal</u>				
Review Standing Agreements	\$ 25,000.00			
New Wage & Benefits Package	\$ 30,000.00			
New Service & Lease Agreements	\$ 25,000.00			
Annual Retainer	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
<u>Marketing / PR</u>				
Initial Public Information Campaign	\$ 15,000.00			
Brochures, Print Media, Bill Stuffers	\$ 5,000.00	\$ 2,000.00		
<u>Utility Billing</u>				
Print, Stuff and Mail	\$ 52,500.00	\$ 55,000.00	\$ 58,000.00	\$ 61,500.00
<u>IT</u>				
Computer / Software Maintenance	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
<u>Annual Leak Survey</u>				
Annual and 20% Survey	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00
<u>CP Survey / Study</u>				
CIS, Study, Report and Recommendations	\$ 45,000.00	\$ -	\$ -	\$ 20,000.00
<u>Contract Crew</u>				
\$1500 / day; 260 days / annum	\$ -	\$ 195,000.00	\$ 390,000.00	\$ 390,000.00
<u>After Hours Dispatch</u>				
After hrs, weekends & holidays	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
<u>Accounting/Audit</u>				
	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
Total	\$ 683,500.00	\$ 568,000.00	\$ 734,000.00	\$ 758,000.00

Reorganized RGNGA - Fleet Expense Estimates

Fleet O&M Expense Projections

# of Vehicles	14
Annual Miles/Vehicle	12,000
Total Miles	168,000
IRS Standard Rate	\$ 0.55
Fleet O&M Allowance	\$ 92,400
Check - Cost/Vehicle/Month	\$ 550

Reorganized RGNGA - Capital Purchases

Gas Tools & Equipment Capital Purchases

<u>Motor Vehicles</u>	<u>No.</u>	<u>Total</u>
F750 or equivalent: Crew Truck/Service Body, arc welder & compressor	1	\$ 100,000.00
F-350 or equivalent: Emergency Response Vehicle / Service Body	1	\$ 75,000.00
F-250, or equivalent: Service Vehicle / Service Body	5	\$ 175,000.00
F-150, or equivalent: Supervisor, meter reader, Locator, pool vehicle	5	\$ 125,000.00
F250 or Equivalent: Warehouse Vehicle / Flat bed,	1	\$ 35,000.00
Passenger Vehicle, Mid size 4 door: Manager	1	\$ 30,000.00
Subtotal		\$ 540,000.00

Communications Equipment

2-way Radios (portable) & Base	12	
Subtotal		\$ 20,000.00

Construction Equipment

Portable Arc Welder/tools and rod	1	
Portable Generator / extension cords, min 2-100ft	3	
Portable Air Compressor / quick disconnect hose, min 50 ft.	1	
Jack Hammer	1	
Clay Spade	1	
Backhoe (extend hoe) / 2-way front bucket / Trailer	1	
Pipe trailer, 2" carousel	1	
Pipe Trailer 4"-8" straight stick	1	
PE pipe squeezers min. 2 ea. PE (all pipe sizes)	3 sets/ea.	
Steel pipe squeezers.	3 sets/ea.	
High pressure grease gun	2	
Power Grinder / brush	2	
Cad weld / Pin Braze tools	2	
Pipe straps / pipe sling	1	
PE Fusion		
• Butt Fusion, Electro fusion, Saddle Fusion, Socket Fusion	3 sets/ea.	
• Small pipe sizes, 2"-4" Combo Unit, 6"-8" Combo Unit	3 sets/ea.	
• Pipe Cutters	3 sets/ea.	
Mechanical		
• Fitting specific tools, depth gauges, etc...	3 sets/ea.	
Subtotal		\$ 300,000.00

Personal Safety Equipment

Hard Hats, Gloves, vests, etc...		
Toe slip covers	2	
Fire suits / fire retardant coveralls	4	
Safety harness / Safety line	4	
Tri-pod lift system	1	
SCBA Breathing Air	2	
First Aid kits	20	

Reorganized RGNGA - Capital Purchases

Fire Extinguisher(s) / 20 lb. dry chemical / ABC & other various sizes	20	
	Subtotal	\$ 25,000.00

Job Site Safety Equipment

Barricades, lights, caution tape, ect...		
Cones 24" and 36"		
Signs: No smoking, slow, stop, hand flags		
Directional signs		
Road Plates (rental)	as needed	
Shoring (rental)	as needed	
Intrinsically safe work lights	2	
	Subtotal	\$ 15,000.00

Tools

Tool Bag / Tool Box	15	
Screw drivers, wrenches, pliers, etc...		
Hack saw, files, brass tools		
Burner brush, port cleaner, match extenders		
	Subtotal	\$ 25,000.00

Instruments

Combustible Gas Indicator (CGI)		
Flame Ionization Unit (FI)		
Pipe Locator		
Fault finder		
CO Detector		
Odorometer		
Tic tracer		
Ground cables		
Copper/copper sulfide half cell		
Voltage meter		
Manometer / ounces gauge		
Pressure gauges (Multiple ranges)		
	Subtotal	\$ 50,000.00

Inventory

Domestic Meters and Regulators

Anodeless Risers / stop cock / lock wing

Steel threaded fittings / weld fittings (multiple sizes)

- Nipples
- Thread-o-let
- Ells (90* and 45*)
- Tees
- Reducers
- Unions

Reorganized RGNGA - Capital Purchases

- Caps
- Flanges
- Linestopper Fittings (top weld, full circle and bottom out) , Mueller or equiv.
- 4. PE fittings (multiple sizes)
 - Tees
 - Caps
 - Ells
 - PE / Steel
 - Valves
 - Tap tees
- Stopcock Barrel Locks
- Repair Clamp / Split sleeves
- Pipe Thread Compound
- Teflon Tape
- Locator/Tracer wire (Minimum #14 gauge, TW coated)
- Warning Tape
- Wire Connectors
- Prime / Mastic / Tape
- Leak Detector Soap
- Clean Cotton Rags
- Anodes (multiple sizes)
- Pipe, PE - 500 ft rolls, 2" & smaller
- Pipe, PE straight stick; 2" thru 8"
- Pipe, Steel - 20 lengths; 2" thru 8 "

Subtotal \$ 200,000.00

Pressure Reducing Station & Large Meter Sets

- Large Volume/high pressure Regs
- High pressure Valves
- Filter
- Strainer
- Chart Recorder
- Stainless tubing
- SCADA
- Correcting Instruments
- Meters (rotary or large positive displacement)

Subtotal \$ 100,000.00

Total Gas Tools & Equipment \$ 1,275,000.00

Office & Administration

Office Furniture & Equipment		\$	100,000.00
Computers	22	\$	40,000.00
Server		\$	40,000.00
Computer Software			
Billing,/Accounting		\$	96,100.00
Software	\$60,500		

Reorganized RGNGA - Capital Purchases

Training	\$ 7,500		
Set-up & Data Conversion	\$28,100		
Mapping			\$ 24,000.00
Office Supplies			\$ 30,000.00
Electronic Meter Reading		3	\$ 18,500.00
Software	\$ 5,000		
Handhelds	\$ 9,000		
Cradles	\$ 1,500		
Implementation	\$ 3,000		
		Subtotal	\$ 348,600.00
		Total	\$1,623,600.00

Sunrise Engineering Inc.

Fillmore, Utah 84631

(800) 560-6151

Opinion of Probable Cost

Project: ABS & PVC Replacement

Various Locations (Dona Ana & North Valley)

Owner: RGNGA

Estimate By: Darren Fox / Chris Hershberger

Line	Item	Estimated Quantity	Units	Estimated Cost/Unit	Estimated Cost
1	CONSTRUCTION:				
2	2" PE Distribution Pipe	237,000	Ln. Ft.	\$ 0.74	\$ 175,380.00
3	Main Installation	237,000	Ln. Ft.	\$ 11.00	\$ 2,607,000.00
4	1" Service line Pipe	8,600	Ln. Ft.	\$ 0.52	\$ 4,472.00
5	Service Installation	8,600	Ln. Ft.	\$ 6.00	\$ 51,600.00
6					
7					
8					
9	Other Materials and Supplies				10% \$ 283,845.20
10	Directional Drills	6	Ea	\$ 10,000.00	\$ 60,000.00
11	Rock Shield	1,200	Ln. Ft.	\$ 6.00	\$ 7,200.00
12	Restoration Blacktop	30,000	Sq. Ft	\$ 18.00	\$ 540,000.00
13	Mobilization				3% \$ 111,884.92
14	Construction Contingency				10% \$ 384,138.21
15	Construction Subtotal				\$ 4,225,520.33
16					
17	ENGINEERING SERVICES:				
18	Detail Design (FmHa Curve)				6.4% \$ 270,433.30
19	Construction Inspection				10% \$ 422,552.03
20	Construction Administration				3% \$ 126,765.61
21	Environmental Study and Report				2% \$ 84,510.41
22	Mapping				0.5% \$ 21,127.60
23	Right-of-way & Permits				0.5% \$ 21,127.60
24	Engineering Subtotal				\$ 946,516.55
25					
26					
27					
28	Total Project Cost				\$ 5,172,037
29					
30					
31					
32					
33					
34					
35					

In providing opinions of probable cost, the Client understands that the Engineer has no control over costs or the price of labor, equipment or materials, or over the Contractor's method of pricing, and the opinions of probable construction costs provided herein are made on the basis of the Engineering's qualifications and experience. The Engineer makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs

Sunrise Engineering Inc.

Fillmore, Utah 84631

(800) 560-6151

Opinion of Probable Cost

Project: Hatch Feeder Mainline Replacement

Myles Rd to Hatch Meter Station

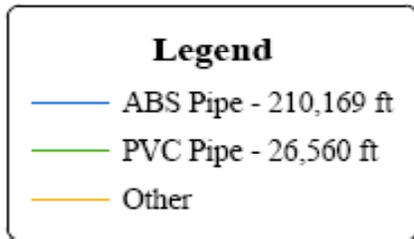
Owner: RGNGA

Estimate By: Darren Fox / Chris Hershberger

Line	Item	Estimated Quantity	Units	Estimated Cost/Unit	Estimated Cost
1	CONSTRUCTION:				
2	6" Stl (.219 wall) Pipe	140,000	Ln. Ft.	\$ 12.00	\$ 1,680,000.00
3	Mainline Installation	140,000	Ln. Ft.	\$ 22.50	\$ 3,150,000.00
4	100% Weld X-Ray	280	Days	\$ 1,003.00	\$ 280,840.00
5	Cathodic Protection	2	Ea	\$ 30,000.00	\$ 60,000.00
6	Regulator Station Tie-overs	19	Ea	\$ 5,000.00	\$ 95,000.00
7	Distribution Main line (pipe + Installation)	2,000	Ea	\$ 21.00	\$ 42,000.00
8	Telemetry / SCADA	1	Ea	\$ 10,002.00	\$ 10,002.00
9	Other Materials and Supplies				10% \$ 532,000.00
10	Directional Drills	6	Ea	\$ 10,000.00	\$ 60,000.00
11	Rock Shield	1,200	Ln. Ft.	\$ 6.00	\$ 7,200.00
12	Restoration Blacktop	30,000	Sq. Ft	\$ 19.00	\$ 570,000.00
13	Mobilization				3% \$ 282,000.00
14	Construction Contingency				10% \$ 782,000.00
15	Construction Subtotal				\$ 7,551,042.00
16					
17	ENGINEERING SERVICES:				
18	Detail Design (FmHa Curve)				6.4% \$ 483,000.00
19	Construction Inspection				10% \$ 755,000.00
20	Construction Administration				3% \$ 227,000.00
21	Environmental Study and Report				2% \$ 151,000.00
22	Mapping				0.5% \$ 38,000.00
23	Right-of-way & Permits				0.5% \$ 38,000.00
24	Engineering Subtotal				\$ 1,692,000.00
25					
26					
27					
28	Total Project Cost				\$ 9,243,042
29					
30					
31					
32					
33					
34					
35					

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RGNGA ABS / PVC REPLACEMENT



RGNGA 4" STL REPLACEMENT

Legend

- GAS LINE
- 4" STL REPLACEMENT
- ROAD

REPLACEMENT OF 4" STL BETWEEN HATCH METER STATION
AND MYLES ROAD APPROXIMATELY 140,000 FT.





SUNRISE
ENGINEERING

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