

Summit Natural Gas of Missouri, Inc.
MPSC Case No. GR-2014 - 0086
Rate Design with Customer Charge at Stated Values

Line No	Particulars (a)	Reference (b)	Costs (c)	(d)	GS (e)	CS (f)	LVS (g)	Transport (h)
Gallatin								
Rate Design Calculations								
1	Customer costs	KDT-1		\$ 768,893				
2	Noncustomer costs	KDT-1		888,337				
3	Total Revenue Requirement	line 1 + line 2		<u>\$ 1,657,230</u>				
4	Monthly Customer Charge	proposed			\$ 20.00	\$ 50.00	\$ 300.00	\$ 300.00
5	Annual bills	TDP-1 Exh 3			17,530	600	12	60
6	Amount to Recover by Customer Class	line 4 * line 5		\$ 402,200	\$ 350,600	\$ 30,000	\$ 3,600	\$ 18,000
7	Residual amt from commodity charges	line 3 - line 6		\$ 1,255,030				
8	Percent to recover from each customer class	alloc #12		100.00%	59.93%	20.82%	6.75%	12.50%
9	Amount to recover from each customer class	line 7 * line 8		<u>\$ 1,255,030</u>	\$ 752,190	\$ 261,348	\$ 84,654	\$ 156,839
10	annual volumes in Mcf	TDP-1 Exh 3		195,398	104,275	38,095	20,926	32,102
11	commodity rate per Mcf	line 9 ÷ line 10			<u>\$ 7.214</u>	<u>\$ 6.860</u>	<u>\$ 4.045</u>	<u>\$ 4.886</u>

Line No	Particulars (a)	Reference (b)	Costs (c)	(d)	GS (e)	CS (f)	LVS (g)	Transport (h)
Warsaw								
Rate Design Calculations								
1	Customer costs	KDT-1		\$ 893,547				
2	Noncustomer costs	KDT-1		2,016,639				
3	Total Revenue Requirement	line 1 + line 2		<u>\$ 2,910,186</u>				
4	Monthly Customer Charge	proposed			\$ 20.00	\$ 50.00	\$ 300.00	\$ 300.00
5	Annual bills	TDP-1 Exh 3			12,355	420	288	-
6	Amount to Recover by Customer Class	line 4 * line 5		\$ 354,500	\$ 247,100	\$ 21,000	\$ 86,400	\$ -
7	Residual amt from commodity charges	line 3 - line 6		\$ 2,555,686				
8	Percent to recover from each customer class	alloc #12		100.00%	42.64%	16.38%	40.98%	
9	Amount to recover from each customer class	line 7 * line 8		<u>\$ 2,555,686</u>	\$ 1,089,682	\$ 418,703	\$ 1,047,302	\$ -
10	annual volumes in Mcf	TDP-1 Exh 3		189,673	68,276	32,673	88,724	
11	commodity rate per Mcf	line 9 ÷ line 10			<u>\$ 15.960</u>	<u>\$ 12.815</u>	<u>\$ 11.804</u>	

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Rogersville											
Rate Design Calculations											
1	Customer costs	KDT-1		\$ 4,046,684							
2	Noncustomer costs	KDT-1		9,847,066							
3	Total Revenue Requirement	line 1 + line 2		<u>\$ 13,893,750</u>							
4	Monthly Customer Charge	proposed		\$ 20.00	\$ 20.00	\$ 40.00	\$ 40.00	\$ 50.00	\$ 300.00	\$ 300.00	\$ 300.00
5	Annual bills	TDP-1 Exh 3		56,820	53,896	12,574	4,272	804	96	360	360
6	Amount to Recover by Customer Class	line 4 X line 5	\$ 3,065,160	\$ 1,136,400	\$ 1,077,920	\$ 502,960	\$ 170,880	\$ 40,200	\$ 28,800	\$ 108,000	\$ 108,000
7	Residual amt from commodity charges	line 3 - line 6		\$ 10,828,590							
8	Percent to recover from each customer class	alloc #12		100.00%	20.06%	15.21%	13.70%	1.82%	6.91%	6.51%	35.79%
9	Amount to recover from each customer class	line 7 * line 8		<u>\$ 10,828,590</u>	\$ 2,171,975	\$ 1,646,550	\$ 1,483,395	\$ 197,619	\$ 748,091	\$ 704,969	\$ 3,875,992
10	Add customer related costs to optional classes	line 6 - optional		-	1,077,920	-	170,880	-	-	-	-
11	Total costs to recover from commodity charges	line 9 + line 10		\$ 2,171,975	\$ 2,724,470	\$ 1,483,395	\$ 368,499	\$ 748,091	\$ 704,969	\$ 3,875,992	\$ 3,875,992
12	annual volumes in Mcf	TDP-1 Exh 3	1,755,522	293,657	226,008	216,625	29,047	123,300	122,403	744,482	744,482
13	commodity rate per Mcf	line 11 ÷ line 12		<u>\$ 7.396</u>	<u>\$ 12.055</u>	<u>\$ 6.848</u>	<u>\$ 12.686</u>	<u>\$ 6.067</u>	<u>\$ 5.759</u>	<u>\$ 5.206</u>	<u>\$ 5.206</u>

Line No	Particulars (a)	Reference (b)	Costs (c)	GS-res (d)	GS-res (e)	GS-Res-Op (f)	GS-Comm (g)	GS-Comm - Op (h)	LGS (i)	LVS (j)	TS (k)
Branson											
Rate Design Calculations											
1	Customer costs	KDT-1		\$ 1,248,397							
2	Noncustomer costs	KDT-1		6,842,628							
3	Total Revenue Requirement	line 1 + line 2		<u>\$ 8,091,025</u>							
4	Monthly Customer Charge	proposed		\$ 20.00	\$ 20.00	\$ 40.00	\$ 40.00	\$ 50.00	\$ 300.00	\$ 300.00	\$ 300.00
5	Annual bills	TDP-1 Exh 3		4,378	1,356	2,076	396	1,392	-	84	84
6	Amount to Recover by Customer Class	line 4 X line 5	\$ 308,360	\$ 87,560	\$ 27,120	\$ 83,040	\$ 15,840	\$ 69,600	\$ -	\$ 25,200	\$ 25,200
7	Residual amt from commodity charges	line 3 - line 6		\$ 7,782,665							
8	Percent to recover from each customer class	alloc #12		100.00%	9.53%	1.31%	11.49%	0.63%	24.49%	0.00%	52.54%
9	Amount to recover from each customer class	line 7 * line 8		<u>\$ 7,782,665</u>	\$ 741,789	\$ 102,128	\$ 894,436	\$ 49,179	\$ 1,905,913	\$ -	\$ 4,089,221
10	Add customer related costs to optional classes	line 6 - optional			\$ 27,120		\$ 15,840				
11	Total costs to recover from commodity charges	line 9 + line 10		\$ 741,789	\$ 129,248	\$ 894,436	\$ 65,019	\$ 1,905,913	\$ -	\$ 4,089,221	\$ 4,089,221
12	annual volumes in Mcf	TDP-1 Exh 3	421,186	22,127	3,764	49,397	2,519	135,147	-	208,232	208,232
13	commodity rate per Mcf	line 11 ÷ line 12		<u>\$ 33.524</u>	<u>\$ 34.338</u>	<u>\$ 18.107</u>	<u>\$ 25.811</u>	<u>\$ 14.103</u>	<u>\$ -</u>	<u>\$ 19.638</u>	<u>\$ 19.638</u>