

TEST-YEAR TRANSPORTATION CHARGES

SNG

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
		Fctr	Dth	Months/Days	Rate		Total Costs
<u>TRANSPORTATION DEMAND</u>							
QPC Demand							
1	T-1 Transportation - Yearly		840,902	x 12	x \$5.28804	=	\$53,360,681
2	T-1 Transportation - Yearly		100,000	x 12	x \$5.28804	=	6,345,648
3	T-1 Transportation Nov-Mar		75,000	x 5	x \$6.80887	=	2,553,326
4	No-Notice Transportation		203,542	x 12	x \$0.86753	=	2,118,945
5	Capacity Release Credits						(4,604,866)
6	Total						<u>\$59,773,734</u>
Kern River Demand							
7	January - December		1,885	x 12	x \$5.47196	=	\$123,776
8	January - December		33,000	x 12	x \$3.17823	=	1,258,580
9	November - March		50,000	x 5	x \$3.17823	=	794,558
10	December - February		56,925	x 3	x \$8.70000	=	1,485,743
11	November & March		6,000	x 2	x \$8.84500	=	106,140
12	November - March		27,000	x 5	x \$8.75800	=	1,182,330
13	Total						<u>\$4,951,127</u>
14	Total Transportation Demand (SNG)						\$64,724,861
<u>TRANSPORTATION COMMODITY</u>							
15	Total ACA		130,439,797		x \$0.00110	=	\$143,484
16	QPC Commodity (SNG)		110,795,865		x \$0.00267	=	\$295,825
Kern River Commodity							
17	January - December	0.66	x 34,885	x 365	x \$0.00440	=	\$36,870
18	November - March	0.66	x 50,000	x 151	x \$0.00440	=	21,862
19	November & March	0.66	x 6,000	x 61	x \$0.00440	=	1,060
20	December - February	0.66	x 56,925	x 90	x \$0.00440	=	14,835
21	November - March	0.66	x 27,000	x 151	x \$0.00440	=	11,806
22	Total (SNG)						<u>\$86,433</u>
23	Total Transportation Commodity						\$525,742
<u>OTHER CHARGES</u>							
24	Other Transportation Charges						3,682,628
<u>PEAK HOUR SERVICE</u>							
25	Mid November - Mid February		28,752	x 3	x \$11.65333	=	\$1,005,170
26	Mid November - Mid February		66,333	x 3	x \$8.69211	=	<u>\$1,729,729</u>
27	Total Peak Hour Service						\$2,734,899
28	TOTAL TRANSPORTATION AND OTHER CHARGES						<u><u>\$71,668,130</u></u>

TEST-YEAR STORAGE CHARGES

SNG

(A) (B) (C) (D) (E) (F)

STORAGE CHARGES

	Component	Dth	Months	Rate		Total Costs
Storage Demand						
1	Aquifer Peaking Demand	184,625	x 12 x	\$2.87375	=	\$6,366,793
2	Spire Demand	2,500,000	x 5 x	\$0.09000	=	\$1,125,000
3	Clay Basin Demand	111,827	x 12 x	\$2.85338	=	3,829,019
4	Clay Basin Capacity	13,419,000	x 12 x	\$0.02378	=	<u>3,829,246</u>
5	Total Demand Charges (SNG)					\$15,150,058
Storage Commodity 1/						
6	Aquifer Peaking Injections	1,123,684	x	\$0.03872	=	\$43,509
7	Aquifer Peaking Withdrawals	1,099,392	x	\$0.03872	=	42,568
8	Spire Injections	0	x	\$0.01500	=	0
9	Spire Withdrawals	2,002,000	x	\$0.01000	=	20,020
10	Clay Basin Injections	12,081,995	x	\$0.01049	=	126,740
11	Clay Basin Withdrawals	10,780,929	x	\$0.01781	=	<u>192,008</u>
12	Total Commodity Charges					\$424,845
13	Total Storage Charges					\$15,574,903

1/ Dominion Energy planned volumes.

SUPPLIER NON-GAS COST CLASS ALLOCATION

SNG	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
		Total UT & WY SNG	Allocation Factor 1/	UT SNG	COS Factor 2/	GS	FS	IS	TSF	TBF	NGV	UT SNG Total
Transportation												
1	DEQPC T-1 Transportation: Yearly	59,706,329	1	57,903,047	Firm Sales	56,341,251	1,425,808	0	0	0	135,988	57,903,047
2	DEQPC T-1 Transportation: November - March	2,553,326	1	2,476,209	Firm Sales	2,409,419	60,974	0	0	0	5,816	2,476,209
3	DEQPC No-Notice Transportation	2,118,945	1	2,054,948	Firm Sales	1,999,520	50,601	0	0	0	4,826	2,054,948
4	Capacity Release Credits	(4,604,866)	1	(4,465,787)	Firm Sales	(4,345,333)	(109,966)	0	0	0	(10,488)	(4,465,787)
5	Kern River Transportation: Yearly	1,382,356	1	1,340,605	Firm Sales	1,304,446	33,011	0	0	0	3,148	1,340,605
6	Kern River Transportation: November - March	1,976,888	1	1,917,181	Firm Sales	1,865,470	47,209	0	0	0	4,503	1,917,181
7	Kern River Transportation: December - February	1,485,743	1	1,440,870	Firm Sales	1,402,006	35,480	0	0	0	3,384	1,440,870
8	Kern River Transportation: November & March	106,140	1	102,934	Firm Sales	100,158	2,535	0	0	0	242	102,934
9	ACA (FERC)	143,484	2	138,680	Firm Sales	134,940	3,415	0	0	0	326	138,680
10	QPC Commodity	295,825	2	285,921	Firm Sales	278,209	7,041	0	0	0	672	285,921
11	Kern River Commodity	86,433	2	83,539	Firm Sales	81,286	2,057	0	0	0	196	83,539
12	Other Transportation Charges	3,682,628	2	3,559,341	Firm Sales	3,463,336	87,645	0	0	0	8,359	3,559,341
	Total Transportation	68,933,231		66,837,489		65,034,707	1,645,810	0	0	0	156,971	66,837,489
Peak Hour												
13	DEQPC Peak Hour Service	1,729,729	1	1,677,487	Design Day	1,345,312	19,184	0	244,680	67,463	848	1,677,487
14	Kern River Peak Hour Service	1,005,170	1	974,811	Design Day	781,780	11,148	0	142,187	39,204	493	974,811
	Total Peak Hour	2,734,899		2,652,298		2,127,092	30,331	0	386,868	106,666	1,341	2,652,298
Storage												
15	Aquifer Peaking Storage Demand	6,366,793	1	6,174,500	Firm Sales	6,007,957	152,041	0	0	0	14,501	6,174,500
16	Spire Storage Demand	1,125,000	1	1,091,022	Firm Sales	1,061,594	26,865	0	0	0	2,562	1,091,022
17	Clay Basin Storage Demand	3,829,019	1	3,713,373	Firm Sales	3,613,214	91,438	0	0	0	8,721	3,713,373
18	Clay Basin Storage Capacity	3,829,246	1	3,713,593	Firm Sales	3,613,428	91,444	0	0	0	8,722	3,713,593
19	Aquifer Peaking Injections Storage Commodity	43,509	2	42,052	Firm Sales	40,918	1,036	0	0	0	99	42,052
20	Aquifer Peaking Withdrawals Storage Commodity	42,568	2	41,143	Firm Sales	40,033	1,013	0	0	0	97	41,143
21	Spire Injections Storage Commodity	0	2	0	Firm Sales	0	0	0	0	0	0	0
22	Spire Withdrawals Storage Commodity	20,020	2	19,350	Firm Sales	18,828	476	0	0	0	45	19,350
23	Clay Basin Injections Storage Commodity	126,740	2	122,497	Firm Sales	119,193	3,016	0	0	0	288	122,497
24	Clay Basin Withdrawals Storage Commodity	192,008	2	185,580	Firm Sales	180,574	4,570	0	0	0	436	185,580
	Total Storage	15,574,903		15,103,110		14,695,740	371,900	0	0	0	35,470	15,103,110
25	Supplier Non-Gas Costs	87,243,033		84,592,897		81,857,539	2,048,042	0	386,868	106,666	193,782	84,592,897
						96.77%	2.42%	0.00%	0.46%	0.13%	0.23%	100.00%

1/ Allocations Factors, DEU Exhibit 1.1 page 2, footnote

2/ Cost-of-Service Allocation Factor

Docket No. 19-057-02	GS	FS	IS	TS	TBF	NGV	Total
210 Design Day	80.20%	1.14%	0.00%	14.59%	4.02%	0.05%	100%
240 Firm Sales	97.30%	2.46%	0.00%	0.00%	0.00%	0.23%	100%

SUPPLIER NON-GAS COST SUMMARY

SNG	(A)	(B)	(C)	(D)	(E)	(F)	(G)
Description	GS	FS	IS	TS	TBF	NGV	Total
1 Transportation - Demand	\$ 61,076,936	\$ 1,545,652	\$ -	\$ -	\$ -	\$ 147,419	\$ 62,770,007
2 Transportation - Commodity	494,435	12,512	-	-	-	1,193	508,141
3 Other Transportation	3,463,336	87,645	-	-	-	8,359	3,559,341
4 Peak Hour Service	2,127,092	30,331	-	386,868	106,666	1,341	2,652,298
5 TBF Adjustment 1/	44,564	635	-	8,105	(53,333)	28	0
6 Total Peak Hour Service	2,171,656	30,967	-	394,973	53,333	1,369	2,652,298
7 Storage - Demand	14,296,193	361,789	-	-	-	34,506	14,692,488
8 Storage - Commodity	399,546	10,111	-	-	-	964	410,622
9 Total SNG	\$ 81,902,103	\$ 2,048,677	\$ -	\$ 394,973	\$ 53,333	\$ 193,811	\$ 84,592,897
10 Percent Allocated to Rate Classes	96.82%	2.42%	0.00%	0.47%	0.06%	0.23%	100.00%

1/ Represents a 50% subsidy of costs to the TBF class, which is allocated to all other classes using the design day factor.