

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					=	(4,769,816)
6	Total					=	\$59,608,784
Kern River Demand							
7	June - September		1,885	x 4	x \$15.83255	=	\$119,377
8	October - May		1,885	x 8	x \$5.46446	=	82,404
9	January - December		33,000	x 12	x \$3.17293	=	1,256,482
10	November - March		50,000	x 5	x \$3.17293	=	793,233
11	December - February		56,925	x 3	x \$8.70000	=	1,485,743
12	November & March		6,000	x 2	x \$8.84500	=	106,140
13	November - March		27,000	x 5	x \$8.75800	=	1,182,330
14	Total					=	\$5,025,709
15	Total Transportation Demand (SNG)						\$64,634,493
<u>TRANSPORTATION COMMODITY</u>							
16	Total ACA		132,462,113		x \$0.00130	=	\$172,201
17	QPC Commodity (SNG)		112,495,010		x \$0.00267	=	\$300,362
Kern River Commodity							
18	January - December	0.67	x 34,885	x 365	x \$0.00440	=	\$37,477
19	November - March	0.67	x 50,000	x 151	x \$0.00440	=	22,222
20	November & March	0.67	x 6,000	x 61	x \$0.00440	=	1,077
21	December - February	0.67	x 56,925	x 90	x \$0.00440	=	15,079
22	November - March	0.67	x 27,000	x 151	x \$0.00440	=	12,000
23	Total (SNG)					=	\$87,855
24	Total Transportation Commodity						\$560,418
<u>OTHER CHARGES</u>							
25	Other Transportation Charges						3,873,365
<u>PEAK HOUR SERVICE</u>							
26	Mid November - Mid February		28,752	x 3	x \$11.65333	=	\$1,005,170
27	Mid November - Mid February		63,667	x 3	x \$7.35748	=	\$1,405,278
28	Total Peak Hour Service						\$2,410,448
29	TOTAL TRANSPORTATION AND OTHER CHARGES						\$71,478,724

TEST-YEAR STORAGE CHARGES

SNG

	(A)	(B)	(C)	(D)	(E)	(F)
<u>STORAGE CHARGES</u>						
	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 10 x	\$0.09000	=	\$2,250,000
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)					<u>\$16,275,058</u>
Storage Commodity 1/						
6	Aquifer Peaking Injections	1,105,923	x	\$0.03872	=	\$42,821
7	Aquifer Peaking Withdrawals	1,092,569	x	\$0.03872	=	42,304
8	Spire Injections	1,742,819	x	\$0.01500	=	26,142
9	Spire Withdrawals	2,500,000	x	\$0.01000	=	25,000
10	Clay Basin Injections	13,318,322	x	\$0.01049	=	139,709
11	Clay Basin Withdrawals	12,250,671	x	\$0.01781	=	<u>218,184</u>
12	Total Commodity Charges					<u>\$494,160</u>
13	Total Storage Charges					\$16,769,218

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	57,885,986	Firm Sales	56,324,650	1,425,388	0	0	0	135,948	57,885,986
2	DEQPC T-1 Transportation: November - March	2,553,326	1	2,475,480	Firm Sales	2,408,709	60,956	0	0	0	5,814	2,475,480
3	DEQPC No-Notice Transportation	2,118,945	1	2,054,342	Firm Sales	1,998,931	50,586	0	0	0	4,825	2,054,342
4	Capacity Release Credits	(4,769,816)	1	(4,624,393)	Firm Sales	(4,499,661)	(113,871)	0	0	0	(10,861)	(4,624,393)
5	Kern River Transportation: Yearly	1,458,263	1	1,413,803	Firm Sales	1,375,669	34,814	0	0	0	3,320	1,413,803
6	Kern River Transportation: November - March	1,975,563	1	1,915,331	Firm Sales	1,863,670	47,163	0	0	0	4,498	1,915,331
7	Kern River Transportation: December - February	1,485,743	1	1,440,445	Firm Sales	1,401,593	35,470	0	0	0	3,383	1,440,445
8	Kern River Transportation: November & March	106,140	1	102,904	Firm Sales	100,128	2,534	0	0	0	242	102,904
9	ACA (FERC)	172,201	2	166,335	Firm Sales	161,849	4,096	0	0	0	391	166,335
10	QPC Commodity	300,362	2	290,130	Firm Sales	282,305	7,144	0	0	0	681	290,130
11	Kern River Commodity	87,855	2	84,862	Firm Sales	82,573	2,090	0	0	0	199	84,862
12	Other Transportation Charges	3,873,365	2	3,741,422	Firm Sales	3,640,506	92,129	0	0	0	8,787	3,741,422
	Total Transportation	69,068,276		66,946,649		65,140,923	1,648,498	0	0	0	157,228	66,946,649
Peak Hour												
13	DEQPC Peak Hour Service	1,405,278	1	1,362,434	Design Day	1,092,645	15,581	0	198,726	54,792	689	1,362,434
14	Kern River Peak Hour Service	1,005,170	1	974,524	Design Day	781,550	11,145	0	142,145	39,192	493	974,524
	Total Peak Hour	2,410,448		2,336,958		1,874,195	26,725	0	340,872	93,984	1,181	2,336,958
Storage												
15	Aquifer Peaking Storage Demand	6,366,793	1	6,172,680	Firm Sales	6,006,187	151,996	0	0	0	14,497	6,172,680
16	Spire Storage Demand	2,250,000	1	2,181,401	Firm Sales	2,122,563	53,715	0	0	0	5,123	2,181,401
17	Clay Basin Storage Demand	3,829,019	1	3,712,279	Firm Sales	3,612,149	91,411	0	0	0	8,718	3,712,279
18	Clay Basin Storage Capacity	3,829,246	1	3,712,499	Firm Sales	3,612,363	91,417	0	0	0	8,719	3,712,499
19	Aquifer Peaking Injections Storage Commodity	42,821	2	41,362	Firm Sales	40,247	1,019	0	0	0	97	41,362
20	Aquifer Peaking Withdrawals Storage Commodity	42,304	2	40,863	Firm Sales	39,761	1,006	0	0	0	96	40,863
21	Spire Injections Storage Commodity	26,142	2	25,251	Firm Sales	24,570	622	0	0	0	59	25,251
22	Spire Withdrawals Storage Commodity	25,000	2	24,148	Firm Sales	23,497	595	0	0	0	57	24,148
23	Clay Basin Injections Storage Commodity	139,709	2	134,950	Firm Sales	131,310	3,323	0	0	0	317	134,950
24	Clay Basin Withdrawals Storage Commodity	218,184	2	210,752	Firm Sales	205,067	5,190	0	0	0	495	210,752
	Total Storage	16,769,218		16,256,186		15,817,715	400,293	0	0	0	38,179	16,256,186
25	Supplier Non-Gas Costs	88,247,942		85,539,793		82,832,832	2,075,517	0	340,872	93,984	196,588	85,539,793

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 Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)
	GS	FS	IS	TS	TBF	NGV	Total
1 Transportation - Demand	\$ 60,973,690	\$ 1,543,040	\$ -	\$ -	\$ -	\$ 147,169	\$ 62,663,899
2 Transportation - Commodity	526,727	13,330	-	-	-	1,271	541,328
3 Other Transportation	3,640,506	92,129	-	-	-	8,787	3,741,422
4 Peak Hour Service	1,874,195	26,725	-	340,872	93,984	1,181	2,336,958
5 TBF Adjustment 1/	39,266	560	-	7,142	(46,992)	25	0
6 Total Peak Hour Service	1,913,461	27,285	-	348,013	46,992	1,206	2,336,958
7 Storage - Demand	15,353,263	388,540	-	-	-	37,057	15,778,860
8 Storage - Commodity	464,452	11,754	-	-	-	1,121	477,327
9 Total SNG	\$ 82,872,098	\$ 2,076,077	\$ -	\$ 348,013	\$ 46,992	\$ 196,612	\$ 85,539,793
10 Percent Allocated to Rate Classes	96.88%	2.43%	0.00%	0.41%	0.05%	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.