

Projects Forecast in 2008 GT&S Rate Case Without Recorded Costs

Gas Transmission Capital Projects - 2008 GT&S Rate Case Forecasts and Recorded Costs (\$000)

2010, Closed Month: 02-2010

Major Work Categories			2008 Rate Case Forecast				Recorded Costs				Difference Between 2008 Rate Case Forecast and Recorded Costs () represents spend greater than forecast				
MWC	MWC Description	PlanOrd	Planning Order Description	Total	2007	2008	2009	Total	2007	2008	2009	Total	2007	2008	2009
	Total			122,966	20,751	42,251	54,584	(7)	2	(9)	0	122,972	20,749	42,260	59,963
12	Implement Environment Projects			5,000	4,000	1,000						5,000	4,000	1,000	
12	Implement Environment Projects	5728018	Hinkley Emissions Retrofit	5,000	4,000	1,000	0	0	0	0	0	5,000	4,000	1,000	0
73	G Trans New Capacity - Gas			8,453	85	2,988		0	0	0	0	8,453	85	2,988	5,380
73	G Trans New Capacity - Gas	5722921	30603620-Baseline Rd. Dfm - 1mi Cap Rein	1,790	0	40	1,750	0	0	0	0	1,790	0	40	1,750
73	G Trans New Capacity - Gas	5722976	7055729-Kennedy Dfm 2-mi 10(?) Yr 2009	2,035	0	35	2,000	0	0	0	0	2,035	0	35	2,000
73	G Trans New Capacity - Gas	5722978	30603815-Blossom Hill Dfm 1 Mile 10 Inch	80	0	0	80	0	0	0	0	80	0	0	80
73	G Trans New Capacity - Gas	5722980	{Redacted}	1,600	0	50	1,550	0	0	0	0	1,600	0	50	1,550
73	G Trans New Capacity - Gas	5725338	7060909-Aborn DFM Extension	1,760	60	1,700	0	0	0	0	0	1,760	60	1,700	0
73	G Trans New Capacity - Gas	5725738	30604129-8 Mi Rd Dfm 2600-ft 12-in Capac	1,188	25	1,163	0	0	0	0	0	1,188	25	1,163	0
75	G Trans Reliability - Pipeline			18,238	10	7,870	10,358	1	0	1	0	18,237	10	7,869	10,358
75	G Trans Reliability - Pipeline	5722918	30603579-Replace L137c From Mp 5.6 - 6.9	1,785	0	0	1,785	0	0	0	0	1,785	0	0	1,785
75	G Trans Reliability - Pipeline	5722970	30603809-L-300a Mp282.25,ccc,10080-greel	5,000	0	5,000	0	0	0	0	0	5,000	0	5,000	0
75	G Trans Reliability - Pipeline	5726183	30603677 L-2 Mp 133.73 Delta Mendota Xing	650	10	640	0	0	0	0	0	650	10	640	0
75	G Trans Reliability - Pipeline	5726620	30604159-L-300b Ccc 4000 Mp 280.39 (s Of	1,200	0	0	1,200	0	0	0	0	1,200	0	0	1,200
75	G Trans Reliability - Pipeline	5,726,804	30604188-L132 South Sf Mp 42.13 - 43.55	4,873	0	200	4,673	1	0	1	0	4,872	0	199	4,673
75	G Trans Reliability - Pipeline	5727020	30603485-Emergency And Urgent Work-vario	4,730	0	2,030	2,700	0	0	0	0	4,730	0	2,030	2,700
76	G Trans Reliability - Station			73,203	6,604	27,143	39,455	(8)	2	(10)	0	73,211	6,602	27,153	39,455
76	G Trans Reliability - Station	5722920	30603593-Add Additional Gas Cooling Fr L	1,700	0	200	1,500	0	1	(1)	0	1,700	(1)	201	1,500
76	G Trans Reliability - Station	5722922	7055242-Bk2 - Replace Air Compressor And	1,200	0	600	600	0	0	0	0	1,200	0	600	600
76	G Trans Reliability - Station	5722932	7055292-Install Reboiler Oxidizer Lm	1,100	100	900	100	0	0	0	0	1,100	100	900	100
76	G Trans Reliability - Station	5722949	30603703-Replace Bcs Emergency Generator	1,500	0	500	1,000	0	0	0	0	1,500	0	500	1,000
76	G Trans Reliability - Station	5722991	7056231-Replace Glycol Reboiler #1	10,603	654	9,843	105	0	0	0	0	10,603	654	9,843	105
76	G Trans Reliability - Station	5725339	7060910-Convert K3 to VFD Start	1,000	0	100	900	0	0	0	0	1,000	0	100	900
76	G Trans Reliability - Station	5725550	P02185-Gas Storage Expansion	0	0	0	0	(8)	1	(9)	0	8	(1)	9	0
76	G Trans Reliability - Station	5725819	7055403-Replace Dhsv And Gravel Pack In	1,100	1,100	0	0	0	0	0	0	1,100	1,100	0	0
76	G Trans Reliability - Station	5725921	P02158-Topock Rebuild Project	53,000	3,000	15,000	35,000	0	0	0	0	53,000	3,000	15,000	35,000
76	G Trans Reliability - Station	5726218	7062035-Drill A test Well in Nortonville	1,750	1,750	0	0	0	0	0	0	1,750	1,750	0	0
76	G Trans Reliability - Station	5727139	30604200-Hinkley Cs Pond Liners Evap Lin	250	0	0	250	0	0	0	0	250	0	0	250
83	G Trans Work Requested by Othr			3,811	35	2,370	1,406	0	0	0	0	3,811	35	2,370	1,406
83	G Trans Work Requested by Othr	5722940	{Redacted}	2,411	35	2,370	6	0	0	0	0	2,411	35	2,370	6
83	G Trans Work Requested by Othr	5722996	{Redacted}	1,400	0	0	1,400	0	0	0	0	1,400	0	0	1,400
98	Pipeline Integrity Pgm Mgmt			14,261	10,016	880	3,365	0	0	0	0	14,261	10,016	880	3,365
98	Pipeline Integrity Pgm Mgmt	5722969	7055673-L-303 Mp 0.00-42.86 Ili Int Mgmt	6,119	6,119	0	0	0	0	0	0	6,119	6,119	0	0
98	Pipeline Integrity Pgm Mgmt	5722989	P02090-L-21d Mp 18.64-31.81 Ili Int Mgmt	1,400	1,400	0	0	0	0	0	0	1,400	1,400	0	0
98	Pipeline Integrity Pgm Mgmt	5722990	7056191-L-400 Mp 82.33-142.61 Ili Int Mg	2,877	2,477	400	0	0	0	0	0	2,877	2,477	400	0
98	Pipeline Integrity Pgm Mgmt	5723871	30603911-L-210B Mp 1.37-25.98 Ili Int Mg	3,413	20	480	2,913	0	0	0	0	3,413	20	480	2,913
98	Pipeline Integrity Pgm Mgmt	5723898	30603917-L-402 Mp 10.14-33.52 Ili Upgrad	452	0	0	452	(0)	0	(0)	0	452	0	0	452

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Gas Transmission Capital Projects - 2008 GT&S Rate Case Forecasts and Recorded Costs (\$000)															
2	010, Closed Month: 02-2010															
3																
4	MWC's 05, 12, 26, 73, 75, 76, 83, 84, 98 (Includes LT Adder Projects: 5722936/5729802-L138/L351, 5723015-L108 Elk Grove Excludes LT Adder Projects: 5734145-L406, 5734146-L407 Phase 1)				2008 Rate Case Forecast				Recorded Costs				Difference Between 2008 Rate Case Forecast and Recorded Costs () represents spend greater than forecast			
5	MWC	MWC Description	PlanOrd	Planning Order Description	Total	2007	2008	2009	Total	2007	2008	2009	Total	2007	2008	2009
6		Total		Total	520,237	146,522	206,037	165,470	538,193	153,530	209,653	172,384	(17,957)	(7,007)	(3,616)	(6,914)
7	05	Tools & Equipment		Total	710	225	260	225	2,094	188	1,295	611	(1,384)	37	(1,035)	(386)
8	05	Tools & Equipment	5501698	GSMTS, Tools (<\$1MM and Unanticipated)	710	225	260	225	754	188	378	187	(43)	37	(118)	38
9	05	Tools & Equipment	5735338	6105264-Tapping Trucks - GC Gas Antioch	0	0	0	0	1,341	0	917	424	(1,341)	0	(917)	(424)
10	12	Implement Environment Projects		Total	6,965	4,365	1,800	800	27,291	6,666	9,914	10,712	(20,326)	(2,301)	(8,114)	(9,912)
11	12	Implement Environment Projects	5501692	GSMTS, Environmental (<\$1MM and Unanticipated)	1,965	365	800	800	3,530	(1)	1,508	2,023	(1,565)	366	(708)	(1,223)
12	12	Implement Environment Projects	5722906	7050497-Brentwood - Eliminate Gas Emissi	0	0	0	0	146	141	6	0	(146)	(141)	(6)	0
13	12	Implement Environment Projects	5727549	7060937-Topock, 4" Diameter Wasteline, R	0	0	0	0	1,260	915	356	(11)	(1,260)	(915)	(356)	11
14	12	Implement Environment Projects	5728018	Hinkley Emissions Retrofit	5,000	4,000	1,000	0	0	0	0	0	5,000	4,000	1,000	0
15	12	Implement Environment Projects	5728019	30604218-Hinkley, Unit K10 Retrofit	0	0	0	0	7,942	4,371	3,513	58	(7,942)	(4,371)	(3,513)	(58)
16	12	Implement Environment Projects	5730253	30603858-Mcdi Wss Reboiler Nox Retrofit	0	0	0	0	1,060	964	193	(97)	(1,060)	(964)	(193)	97
17	12	Implement Environment Projects	5730499	P.02974-Kettleman, Units 1 to 3, SCR Ins	0	0	0	0	10,641	3	3,335	7,303	(10,641)	(3)	(3,335)	(7,303)
18	12	Implement Environment Projects	5731998	30603872-Mcdi Tsc Reboiler Nox Retrofit	0	0	0	0	1,818	122	953	742	(1,818)	(122)	(953)	(742)
19	12	Implement Environment Projects	5735318	P.02158-Topock, Emission Reduction Proje	0	0	0	0	894	151	51	693	(894)	(151)	(51)	(693)
20	26	G Trans - New Business		Total	13,500	2,500	6,000	5,000	1,791	694	657	440	11,709	1,806	5,343	4,560
21	26	G Trans - New Business	5501685	GSMTS, New Business (<\$1MM and Unanticipated)	4,959	1,834	1,800	1,325	(152)	(185)	(412)	445	5,110	2,019	2,212	880
22	26	G Trans - New Business	5722904	P01990-Roseville Electric Pwr Plant - R	348	348	0	0	384	384	0	0	(36)	(36)	0	0
23	26	G Trans - New Business	5722909	30603528-Sfuc Airport Power Plant	950	50	900	0	50	42	(34)	42	900	8	934	(42)
24	26	G Trans - New Business	5722994	30603873-Cottonwood Dfm (nb Ext. Del Web	2,898	18	80	2,800	22	10	8	4	2,876	8	72	2,796
25	26	G Trans - New Business	5722995	30603874-Louise1603-01 Mp 2.15 1.5 Mi 8"	2,270	50	2,220	0	53	42	5	6	2,217	8	2,215	(6)
26	26	G Trans - New Business	5723865	7058065-Bay Farm Island Capacity Project	0	0	0	0	164	164	0	0	(164)	(164)	0	0
27	26	G Trans - New Business	5724658	P01570-Tid Walnut Li Pp Sys Reinforcemnt	0	0	0	0	1	0	1	0	(1)	0	(1)	0
28	26	G Trans - New Business	5725100	7056627-Lodi-Kerby Hills Interconnect	0	0	0	0	253	253	0	0	(253)	(253)	0	0
29	26	G Trans - New Business	5725558	30603562-Fresno Power Plant -1.8 Mile-8"	2,000	200	1,000	800	1,046	19	1,086	(59)	954	181	(86)	859
30	26	G Trans - New Business	5725559	30603564-Calpine Russell City - 4720 Ft	75	0	0	75	(29)	(34)	3	2	104	34	(3)	73
31	73	G Trans New Capacity - Gas		Total	157,650	31,960	95,027	28,455	144,305	36,479	85,638	19,562	13,345	(4,518)	9,389	8,893
32	73	G Trans New Capacity - Gas	5501686	GSMTS, Pipeline Capacity (<\$1MM and Unanticipated)	4,289	2,428	1,657	204	9,438	3,263	3,305	2,871	(5,149)	(835)	(1,648)	(2,667)
33	73	G Trans New Capacity - Gas	5722908	7051425-L-119 Mp-11.36 1650 20 Parallel	76	76	0	0	10	10	0	0	67	67	0	0
34	73	G Trans New Capacity - Gas	5722916	7054526-Folsom/edh Dfm 5900 16 On Maci	0	0	0	0	0	0	0	0	0	0	0	0
35	73	G Trans New Capacity - Gas	5722921	30603620-Baseline Rd. Dfm - 1mi Cap Rein	1,790	0	40	1,750	0	0	0	0	1,790	0	40	1,750
36	73	G Trans New Capacity - Gas	5722936	7055309-L-138 Capacity 10 Miles Of 24-in	37,596	4,810	32,785	1	0	0	0	0	37,596	4,810	32,785	1
37	73	G Trans New Capacity - Gas	5729802	P.02195-L-351 Capacity 14.68 miles of 30	0	0	0	0	34,158	5,025	29,238	(104)	(34,158)	(5,025)	(29,238)	104
38	73	G Trans New Capacity - Gas	5722942	30603687-L118 Cap Reinf 16" Mp72.35-73.2	1,800	0	100	1,700	6	0	5	1	1,794	(0)	95	1,699
39	73	G Trans New Capacity - Gas	5722945	30603690-Mather Dfm Ph5 Install 25,000'	3,098	85	3,000	13	4,234	218	1,735	2,281	(1,136)	(133)	1,265	(2,268)
40	73	G Trans New Capacity - Gas	5722968	P.02761-L-352 Capacity 5.5 Miles of 24 i	12,000	500	5,000	6,500	10,041	194	4,861	4,986	1,959	306	139	1,514
41	73	G Trans New Capacity - Gas	5722974	[Redacted]	10	10	0	0	41	40	1	0	(31)	(29)	(1)	0
42	73	G Trans New Capacity - Gas	5722975	30603812-Folsom Dfm 9451 Of 16" Madison	230	70	55	105	103	68	12	22	127	2	43	83
43	73	G Trans New Capacity - Gas	5722976	7055729-Kennedy Dfm 2-mi 10(?) Yr 2009	2,035	0	35	2,000	0	0	0	0	2,035	0	35	2,000
44	73	G Trans New Capacity - Gas	5722978	30603815-Blossom Hill Dfm 1 Mile 10 Inch	80	0	0	80	0	0	0	0	80	0	0	80
45	73	G Trans New Capacity - Gas	5722979	7055735-L-173 12144' Of 12" Capacity Roc	5,511	5,500	11	0	7,338	7,340	(3)	1	(1,827)	(1,840)	14	(1)
46	73	G Trans New Capacity - Gas	5722980	7055736-L-173 4488 12 Blue Oaks/hwy 65	1,600	0	50	1,550	0	0	0	0	1,600	0	50	1,550
47	73	G Trans New Capacity - Gas	5722984	7055765-1.0 Mile Of 16 L118 Mp 77.09 -	2,462	2,462	0	0	1,844	1,844	0	0	618	618	0	0
48	73	G Trans New Capacity - Gas	5722985	30603842-1.0 Mile Of 24 L118 Mp 83.74 -	2,710	2,710	0	0	2,758	2,707	51	0	(48)	3	(51)	0
49	73	G Trans New Capacity - Gas	5722986	P.02689-L-118G Capacity 3.17 Miles of 16	12,260	250	12,000	10	10,522	2,043	6,694	1,785	1,738	(1,793)	5,306	(1,775)
50	73	G Trans New Capacity - Gas	5722987	30603844-Merced Dfm Exten, 2 Miles Of 8"	1,700	0	100	1,600	12	0	10	2	1,688	(0)	90	1,598
51	73	G Trans New Capacity - Gas	5722997	30603879-Inst L108/401 Crosstie, Vernali	1,800	75	1,675	50	45	0	0	45	1,755	75	1,675	50
52	73	G Trans New Capacity - Gas	5723002	30603905-Gait Dfm Install 2.5 Miles 6" P	182	30	50	102	7	0	1	7	175	30	49	95
53	73	G Trans New Capacity - Gas	5723015	P.01895-L-108 Ext. Thornton to Elk Grove	32,951	10,638	20,106	0	42,816	11,387	27,316	1,486	(9,864)	(749)	(7,210)	(1,486)

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1	Gas Transmission Capital Projects - 2008 GT&S Rate Case Forecasts and Recorded Costs (\$000)																							
2	010, Closed Month: 02-2010																							
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4	MWC's 05, 12, 26, 73, 75, 76, 83, 84, 98 (Includes LT Adder Projects: 5722936/5729802-L138/L351, 5723015-L108 Elk Grove Excludes LT Adder Projects: 5734145-L406, 5734146-L407 Phase 1)												2008 Rate Case Forecast				Recorded Costs				Difference Between 2008 Rate Case Forecast and Recorded Costs () represents spend greater than forecast			
5	MWC	MWC Description	PlanOrd	Planning Order Description	Total	2007	2008	2009	Total	2007	2008	2009	Total	2007	2008	2009								
102	76	G Trans Reliability - Station	5501693	GSMTS, L300 Station Reliab (<\$1MM and Unanticipated)	10,405	2,590	2,940	4,875	8,133	2,610	2,975	2,548	2,272	(20)	(35)	2,327								
103	76	G Trans Reliability - Station	5501694	GSMTS, L400 Station Reliab (<\$1MM and Unanticipated)	4,812	657	2,455	1,700	4,423	1,381	1,976	1,065	389	(724)	479	635								
104	76	G Trans Reliability - Station	5501695	GSMTS, Storage Reliab (<\$1MM and Unanticipated)	9,900	4,658	967	4,275	9,260	3,493	2,889	2,878	639	1,165	(1,923)	1,397								
105	76	G Trans Reliability - Station	5501696	GSMTS, Telecom Reliab (<\$1MM and Unanticipated)	0	0	0	0	(0)	0	(0)	0	0	0	0	0								
106	76	G Trans Reliability - Station	5501697	GSMTS, Terminal Reliab (<\$1MM and Unanticipated)	12,556	3,605	4,592	4,359	4,419	2,622	786	1,011	8,137	983	3,806	3,348								
107	76	G Trans Reliability - Station	5722905	30603524-Pleasant Creek K-8 Replacement	1,100	100	1,000	0	1	0	0	0	1,099	100	1,000	(0)								
108	76	G Trans Reliability - Station	5722911	7052728-Mcdonald Island - K7 Installatio	0	0	0	0	(90)	16	(106)	0	90	(16)	106	0								
109	76	G Trans Reliability - Station	5722917	7054926-Replace Dhsv & Gravel Pack Lm W	0	0	0	0	0	0	0	0	(0)	(0)	0	0								
110	76	G Trans Reliability - Station	5722920	30603593-Add Additional Gas Cooling Fr L	1,700	0	200	1,500	0	1	(1)	0	1,700	(1)	201	1,500								
111	76	G Trans Reliability - Station	5722922	7055242-BK2 - Replace Air Compressor And	1,200	0	600	600	0	0	0	0	1,200	0	600	600								
112	76	G Trans Reliability - Station	5722927	30603627-Mccli Elec Transformer Bank Repl	5,815	4,575	1,240	0	6,526	3,443	2,983	100	(711)	1,132	(1,743)	(100)								
113	76	G Trans Reliability - Station	5722932	7055292-Install Reboiler Oxidizer Lm	1,100	100	900	100	0	0	0	0	1,100	100	900	100								
114	76	G Trans Reliability - Station	5722949	30603703-Replace Bcs Emergency Generator	1,500	0	500	1,000	0	0	0	0	1,500	0	500	1,000								
115	76	G Trans Reliability - Station	5722951	30603755-Topock, Evaporation Ponds, New	3,000	0	250	2,750	774	0	0	774	2,226	0	250	1,976								
116	76	G Trans Reliability - Station	5722953	30603759-Delevan Cs, Replace Standby Gen	1,818	1,818	0	0	39	15	10	14	1,778	1,803	(10)	(14)								
117	76	G Trans Reliability - Station	5722956	P.02871-Delevan K-1 and K-2 Gas Turbine	25,000	500	4,500	20,000	49,517	758	14,423	34,336	(24,517)	(258)	(9,923)	(14,336)								
118	76	G Trans Reliability - Station	5722959	7055457-Salvage Gcs Co-gen	0	0	0	0	0	0	0	0	0	0	0	0								
119	76	G Trans Reliability - Station	5722991	7056231-Replace Glycol Reboiler #1	10,603	654	9,843	105	0	0	0	0	10,603	654	9,843	105								
120	76	G Trans Reliability - Station	5723004	P.00588-L57C, MCd Is to Palm Track, Pipe	14,967	14,967	0	0	26,532	24,687	1,744	101	(11,565)	(9,720)	(1,744)	(101)								
121	76	G Trans Reliability - Station	5723005	P.01457-CGT Facility Security	6,515	2,741	2,103	1,671	1,563	1,455	107	1	4,952	1,286	1,996	1,670								
122	76	G Trans Reliability - Station	5723009	P.01563-Turner Cut Rebuild Project	0	0	0	0	1	0	0	1	(1)	0	0	(1)								
123	76	G Trans Reliability - Station	5723013	P.01772-Systemwide SCADA RTU Replacement	5,084	2,175	1,845	1,065	5,537	2,309	1,633	1,596	(453)	(135)	212	(531)								
124	76	G Trans Reliability - Station	5723860	7048310-Replace K-7 Controls Topock	0	0	0	0	0	0	0	0	0	0	0	0								
125	76	G Trans Reliability - Station	5723861	7053186-Salvage Bk1, Burney Compr Sta	0	0	0	0	(1)	6	(7)	0	1	(6)	7	0								
126	76	G Trans Reliability - Station	5724958	30603985-Salvage Gerber Comp Sta Co-gen	1,500	0	750	750	656	562	90	3	844	(562)	660	747								
127	76	G Trans Reliability - Station	5725178	7055391- Repl Dhsv & Grvl Pck Well#Tc-3n	0	0	0	0	0	0	0	0	(0)	(0)	0	0								
128	76	G Trans Reliability - Station	5725179	7055396-Repl Dhsv & Grvl Pck Well#Tc-4n	0	0	0	0	1	1	0	0	(1)	(1)	0	0								
129	76	G Trans Reliability - Station	5725198	7052849-Mcd. Isle - Repl Glcl Rebol TCS	0	0	0	0	0	0	0	0	(0)	(0)	0	0								
130	76	G Trans Reliability - Station	5725200	30603776-Delevan K3, Upgrade Unit Plc	1,000	0	250	750	3,062	0	1,258	1,804	(2,062)	0	(1,008)	(1,054)								
131	76	G Trans Reliability - Station	5725339	7060910-Convert K3 to VFD Start	1,000	0	100	900	0	0	0	0	1,000	0	100	900								
132	76	G Trans Reliability - Station	5725550	P02185-Gas Storage Expansion	0	0	0	0	(8)	1	(9)	0	8	(1)	9	0								
133	76	G Trans Reliability - Station	5725658	7055398-Replace Dhsv & Grvl Pck TC-6n	50	50	0	0	45	45	0	0	5	5	0	0								
134	76	G Trans Reliability - Station	5725659	7055402-Replace Dhsv & Grvl Pck Tc-1n	0	0	0	0	(6)	(6)	0	0	6	6	0	0								
135	76	G Trans Reliability - Station	5725661	30603946-Topock Water Supply Project	880	880	0	0	198	44	54	101	681	836	(54)	(101)								
136	76	G Trans Reliability - Station	5725742	30603713-Mcd Isl Repl Dhsv + Gravel Pk W	1,150	0	1,150	0	1,229	0	1,184	44	(79)	0	(34)	(44)								
137	76	G Trans Reliability - Station	5725743	30603714-Mcd Is Whiskeyloughstation, We	1,210	0	0	1,210	1,064	0	0	1,064	146	0	0	146								
138	76	G Trans Reliability - Station	5725744	30603715-Whisky Slough Sta. 13w Repl Dhs	1,150	0	1,150	0	1,051	0	1,014	38	99	0	136	(38)								
139	76	G Trans Reliability - Station	5725745	30603716-Mcd Is Whiskey Slough Station W	1,210	0	0	1,210	1,027	0	0	1,027	183	0	0	183								
140	76	G Trans Reliability - Station	5725746	30603717-Whisky Slough Sta. 4w Repl Dhsv	1,150	0	1,150	0	1,574	0	1,534	39	(424)	0	(384)	(39)								
141	76	G Trans Reliability - Station	5725747	30603718-Mcd Is Whiskey Slough Station,w	1,210	0	0	1,210	1,088	0	0	1,088	122	0	0	122								
142	76	G Trans Reliability - Station	5725748	30603719-Whisky Slough Sta. 1w Repl Dhsv	1,150	0	1,150	0	1,859	0	1,815	45	(709)	0	(665)	(45)								
143	76	G Trans Reliability - Station	5725749	30603740-Mcd Is Whiskeyloughstation, We	1,210	0	0	1,210	1,023	0	0	1,023	187	0	0	187								
144	76	G Trans Reliability - Station	5725750	30603741-Turner Cut Sta. 11n Repl Dhsv G	1,150	0	1,150	0	1,146	0	1,091	56	4	0	59	(56)								
145	76	G Trans Reliability - Station	5725751	30603742-Mcd Is Whiskeyloughstation, We	1,210	0	0	1,210	1,057	0	0	1,057	153	0	0	153								
146	76	G Trans Reliability - Station	5725752	7055392-Replace Dhsv And Gravel Pack In	1,100	1,100	0	0	1,044	1,049	(5)	0	56	51	5	0								
147	76	G Trans Reliability - Station	5725753	30603743-Repl Dhsv & Gravel Pack In Well	1,100	1,100	0	0	1,096	1,074	21	0	4	26	(21)	(0)								
148	76	G Trans Reliability - Station	5725754	30603744-Repl Dhsv & Gravel Pack In Well	1,150	0	1,150	0	1,188	0	1,123	65	(38)	0	27	(65)								
149	76	G Trans Reliability - Station	5725755	30603745-Los Medanos Pad B, Well 4b	1,210	0	0	1,210	1,838	0	0	1,838	(628)	0	0	(628)								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
1		Gas Transmission Capital Projects - 2008 GT&S Rate Case Forecasts and Recorded Costs (\$000)															
2		010, Closed Month: 02-2010															
3																	
4		MWC's 05, 12, 26, 73, 75, 76, 83, 84, 98 (Includes LT Adder Projects: 5722936/5729802-L138/L351, 5723015-L108 Elk Grove Excludes LT Adder Projects: 5734145-L406, 5734146-L407 Phase 1)				2008 Rate Case Forecast				Recorded Costs				Difference Between 2008 Rate Case Forecast and Recorded Costs () represents spend greater than forecast			
5	MWC	MWC Description	PlanOrd	Planning Order Description	Total	2007	2008	2009	Total	2007	2008	2009	Total	2007	2008	2009	
150	76	G Trans Reliability - Station	5725756	30603746-Replace Dhsv And Gravel Pack In	1,100	1,100	0	0	1,012	963	49	0	88	137	(49)	0	
151	76	G Trans Reliability - Station	5725757	30603747-Repl Dhsv & Gravel Pack In Well	1,100	1,100	0	0	903	888	17	(2)	197	212	(17)	2	
152	76	G Trans Reliability - Station	5725818	30603748-Repl Dhsv & Gravel Pack In Well	1,100	1,100	0	0	919	913	15	(10)	181	187	(15)	10	
153	76	G Trans Reliability - Station	5725819	7055403-Replace Dhsv And Gravel Pack In	1,100	1,100	0	0	0	0	0	0	1,100	1,100	0	0	
154	76	G Trans Reliability - Station	5725820	30603982-Rework McD #11 to Abate Sand Pr	1,100	1,070	30	0	873	770	103	0	227	300	(73)	0	
155	76	G Trans Reliability - Station	5725821	30603983-Mc Donald #12, Replace Gravel P	1,100	0	1,070	30	1,084	0	1,014	70	16	0	56	(40)	
156	76	G Trans Reliability - Station	5725849	30604081-Los Medanos, Inst Casing & Repl	0	0	0	0	2	0	1	0	(2)	0	(1)	(0)	
157	76	G Trans Reliability - Station	5725921	P02158-Topock Rebuild Project	53,000	3,000	15,000	35,000	0	0	0	0	53,000	3,000	15,000	35,000	
158	76	G Trans Reliability - Station	5726158	7055400-Repice Dhsv & Grvl Well Tc-9n	50	50	0	0	39	39	0	0	11	11	0	0	
159	76	G Trans Reliability - Station	5726218	7062035-Drill A test Well in Nortonville	1,750	1,750	0	0	0	0	0	0	1,750	1,750	0	0	
160	76	G Trans Reliability - Station	5726458	7062445-K2 Solar Turbine Exchange-Kettle	0	0	0	0	0	0	0	0	0	0	0	0	
161	76	G Trans Reliability - Station	5727139	30604200-Hinkley Cs Pond Liners Evap Lin	250	0	0	250	0	0	0	0	250	0	0	250	
162	76	G Trans Reliability - Station	5730340	30604304-Milpitas Filter Separators Inst	0	0	0	0	4,700	11	61	4,629	(4,700)	(11)	(61)	(4,629)	
163	76	G Trans Reliability - Station	5731078	P.02975-Lm Gas Dehy System Replacement	0	0	0	0	16,808	1,367	14,305	1,135	(16,808)	(1,367)	(14,305)	(1,135)	
164	76	G Trans Reliability - Station	5731819	30604139-Los Medanos Pad A, Drill 1 Test	0	0	0	0	2,614	1,827	738	50	(2,614)	(1,827)	(738)	(50)	
165	76	G Trans Reliability - Station	5733298	30662486-Bethany Reverse Compression Ins	0	0	0	0	4,032	0	40	3,992	(4,032)	0	(40)	(3,992)	
166	76	G Trans Reliability - Station	5733380	30623679-Kettleman Security System Insta	0	0	0	0	1,121	0	1,153	(32)	(1,121)	0	(1,153)	32	
167	76	G Trans Reliability - Station	5733638	30655088-McDi K7/k8/k9 Gas Compr Fac Ins	0	0	0	0	8,811	0	6,440	2,371	(8,811)	0	(6,440)	(2,371)	
168	76	G Trans Reliability - Station	5733906	30603756-Replace Obsolete 480 Vac Elect.	0	0	0	0	1,045	182	404	459	(1,045)	(182)	(404)	(459)	
169	76	G Trans Reliability - Station	5734398	30615964-Topock Odorant Tanks, Replaceme	0	0	0	0	1,409	0	140	1,270	(1,409)	0	(140)	(1,270)	
170	76	G Trans Reliability - Station	5735295	30710504-Topock, Unit K6, Rebuild	0	0	0	0	1,723	0	1,723	0	(1,723)	0	0	(1,723)	
171	76	G Trans Reliability - Station	5736001	30628542-Antioch Security System Install	0	0	0	0	1,082	0	255	828	(1,082)	0	(255)	(828)	
172	83	G Trans Work Requested by Othr		Total	24,000	9,000	8,000	7,000	27,136	5,065	9,059	13,012	(3,137)	3,934	(1,059)	(6,012)	
173	83	G Trans Work Requested by Othr	5501689	GSMTS, WRO (<\$1MM and Unanticipated)	10,125	1,864	1,361	6,900	11,060	2,627	3,334	5,098	(935)	(763)	(1,974)	1,802	
174	83	G Trans Work Requested by Othr	5722899	30603496-Rel. L-114 & L-303 For Vasco Rd	1,309	200	1,109	0	(238)	(171)	(67)	0	1,547	371	1,176	0	
175	83	G Trans Work Requested by Othr	5722901	7046153-10 Ti Dfm Relocation Sfo Bay B	6	6	0	0	294	294	0	0	(288)	(288)	0	0	
176	83	G Trans Work Requested by Othr	5722902	7046445-8" Dfm Relocation, hwy 152 Gilroy	0	0	0	0	15	1	2	11	(15)	(1)	(2)	(11)	
177	83	G Trans Work Requested by Othr	5722912	30603531-L-108 Wro (rt South Corridor Ph	1,309	115	2,500	-1,306	62	17	16	29	1,247	98	2,484	(1,335)	
178	83	G Trans Work Requested by Othr	5722923	30603622-Coffee-clarantina Reg Station R	0	-650	650	0	3	0	0	2	(3)	(650)	650	(2)	
179	83	G Trans Work Requested by Othr	5722935	7055305-L-118 Mp 55.60 Relocate To Clear	0	0	0	0	0	0	0	0	0	0	0	0	
180	83	G Trans Work Requested by Othr	5722940	{Redacted}	2,411	35	2,370	6	0	0	0	0	2,411	35	2,370	6	
181	83	G Trans Work Requested by Othr	5722996	{Redacted}	1,400	0	0	1,400	0	0	0	0	1,400	0	0	1,400	
182	83	G Trans Work Requested by Othr	5722998	30603900-L-191, Mp 6.18-7.5, Relocate (w	-22	-22	0	0	253	224	(167)	196	(274)	(245)	167	(196)	
183	83	G Trans Work Requested by Othr	5723799	7043587-L118 Mp70.34-72.28, Replace 8"/1	0	0	0	0	0	0	0	0	(0)	(0)	0	0	
184	83	G Trans Work Requested by Othr	5723859	7043885-Relocate 10" Dfm, 1500' Hwy 152	0	0	0	0	0	0	0	0	0	0	0	0	
185	83	G Trans Work Requested by Othr	5723862	7055674-Line 200 Local Transmission Relo	0	0	0	0	13	13	0	0	(13)	(13)	0	0	
186	83	G Trans Work Requested by Othr	5724019	P01509-L107&L131 Relocate For Caltrans	0	0	0	0	(291)	(284)	(7)	0	291	284	7	0	
187	83	G Trans Work Requested by Othr	5724158	P00876-L100 & L300a Tasman East Gas Relo	0	0	0	0	0	0	0	0	(0)	(0)	0	0	
188	83	G Trans Work Requested by Othr	5724498	30603958-L118 Mp 67.64-70.42 Cal Trans R	2,611	2,601	10	0	1,788	355	1,691	(258)	823	2,246	(1,681)	258	
189	83	G Trans Work Requested by Othr	5725721	30603945-Whitmore 7222-01 Mp 0.746-1.028	470	470	0	0	1,349	206	978	165	(879)	264	(978)	(165)	
190	83	G Trans Work Requested by Othr	5725739	30604131-Kiernan Dfm1615-01, Mp 11.2, 18	4,380	4,380	0	0	882	31	825	26	3,498	4,349	(825)	(26)	
191	83	G Trans Work Requested by Othr	5728178	7055945-Line 153 Conflict W/Caltrans Hig	0	0	0	0	419	418	1	0	(419)	(418)	(1)	0	
192	83	G Trans Work Requested by Othr	5729238	7064907-L300B New RR at MP 144.7	0	0	0	0	1,178	1,196	(18)	0	(1,178)	(1,196)	18	0	
193	83	G Trans Work Requested by Othr	5730108	{Redacted}	0	0	0	0	2,344	20	788	1,537	(2,344)	(20)	(788)	(1,537)	
194	83	G Trans Work Requested by Othr	5734281	P.03031-L-50 Rio Bonito Cal Trans Wro-wb	0	0	0	0	6,837	106	986	5,745	(6,837)	(106)	(986)	(5,745)	
195	83	G Trans Work Requested by Othr	5735288	30604382-L-137c Mp 2.0 - 4.0, Relocate	0	0	0	0	1,167	9	697	461	(1,167)	(9)	(697)	(461)	
196	84	G Trans Gathering System		Total	7,023	2,300	2,431	2,292	15,061	4,717	4,976	5,369	(8,039)	(2,417)	(2,545)	(3,077)	
197	84	G Trans Gathering System	5501680	GSMTS, GG-Connections (<\$1MM and Unanticipated)	543	30	481	32	984	300	885	(201)	(442)	(270)	(404)	233	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P								
1	Gas Transmission Capital Projects - 2008 GT&S Rate Case Forecasts and Recorded Costs (\$000)																							
2	010, Closed Month: 02-2010																							
3																								
4	MWC's 05, 12, 26, 73, 75, 76, 83, 84, 98 (Includes LT Adder Projects: 5722936/5729802-L138/L351, 5723015-L108 Elk Grove Excludes LT Adder Projects: 5734145-L406, 5734146-L407 Phase 1)												2008 Rate Case Forecast				Recorded Costs				Difference Between 2008 Rate Case Forecast and Recorded Costs () represents spend greater than forecast			
5	MWC	MWC Description	PianOrd	Planning Order Description	Total	2007	2008	2009	Total	2007	2008	2009	Total	2007	2008	2009								
198	84	G Trans Gathering System	5501681	GSMTS, GG-Station Rel/Safety (<\$1MM and Unanticipated)	3,070	1,270	1,050	750	1,736	537	396	802	1,334	733	654	(53)								
199	84	G Trans Gathering System	5501682	GSMTS, GG-Pipeline Reliability/Saf (<\$1MM and Unanticipated)	710	200	250	260	2,234	1,276	197	761	(1,524)	(1,076)	53	(501)								
200	84	G Trans Gathering System	5501683	GSMTS, GG-Divestiture (<\$1MM and Unanticipated)	1,950	800	650	500	738	548	187	2	1,213	252	463	498								
201	84	G Trans Gathering System	5724099	P.01802-Program- Gas Gathering Divestit	0	0	0	0	4,266	1,398	1,414	1,453	(4,266)	(1,398)	(1,414)	(1,453)								
202	84	G Trans Gathering System	5725399	P00538-Prog Gas Gathering Con & WRO	0	0	0	0	1	1	0	0	(1)	(1)	0	0								
203	84	G Trans Gathering System	5726184	P.02937-Serpa Remove Compressor Fac	750	0	0	750	2,701	15	839	1,847	(1,951)	(15)	(839)	(1,097)								
204	84	G Trans Gathering System	5732460	30603587-Brannan Island Cs, Decommission	0	0	0	0	1,085	603	415	67	(1,085)	(603)	(415)	(67)								
205	84	G Trans Gathering System	5733247	30603990-Gas Gathering All-remote Data C	0	0	0	0	1,317	39	641	637	(1,317)	(39)	(641)	(637)								
206	98	Pipeline Integrity Pgm Mgmt		Total	49,575	24,000	13,625	11,950	67,781	26,765	17,636	23,381	(18,207)	(2,765)	(4,011)	(11,430)								
207	98	Pipeline Integrity Pgm Mgmt	5505679	Pipeline Integrity Management Program (<\$1MM and Unanticipated)	5,221	473	3,404	1,344	4,109	2,017	702	1,390	1,112	(1,544)	2,702	(46)								
208	98	Pipeline Integrity Pgm Mgmt	5506680	IM Cap Immediate Repairs (<\$1MM and Unanticipated)	0	0	0	0	0	0	0	0	0	0	0	0								
209	98	Pipeline Integrity Pgm Mgmt	5722967	P.02030-L-105B MP 0.00-11.81 Ili Int Mgm	3,627	3,352	275	0	3,374	2,986	382	6	253	366	(107)	(6)								
210	98	Pipeline Integrity Pgm Mgmt	5722969	7055673-L-303 Mp 0.00-42.86 Ili Int Mgmt	6,119	6,119	0	0	0	0	0	0	6,119	6,119	0	0								
211	98	Pipeline Integrity Pgm Mgmt	5722989	P02090-L-21d Mp 18.64-31.81 Ili Int Mgmt	1,400	1,400	0	0	0	0	0	0	1,400	1,400	0	0								
212	98	Pipeline Integrity Pgm Mgmt	5722990	7056191-L-400 Mp 82.33-142.61 Ili Int Mg	2,877	2,477	400	0	0	0	0	0	2,877	2,477	400	0								
213	98	Pipeline Integrity Pgm Mgmt	5723007	P.01516-L-300B MP 450.8-502.6 Ili Int. M	511	511	0	0	1,273	1,052	189	31	(761)	(541)	(189)	(31)								
214	98	Pipeline Integrity Pgm Mgmt	5723008	P.01522-L-300B MP 393.8-450.8 Ili Int. M	0	0	0	0	32	11	21	0	(32)	(11)	(21)	(0)								
215	98	Pipeline Integrity Pgm Mgmt	5723011	P.01749-L-153 MP 0.00-17.65 Ili Int Mgmt	2,292	2,292	0	0	2,380	1,947	422	12	(88)	346	(422)	(12)								
216	98	Pipeline Integrity Pgm Mgmt	5723012	P01768-L-401 Mp317.3-427.3 Ili Int Mgmt	0	0	0	0	(0)	(0)	0	0	0	0	0	0								
217	98	Pipeline Integrity Pgm Mgmt	5723014	P.01851-L-2 MP 122.18-158.00 Ili Int Mgm	582	582	0	0	486	309	205	(28)	96	272	(205)	28								
218	98	Pipeline Integrity Pgm Mgmt	5723016	P.01922-L-21e Mp 64.53-114.89 Ili Int Mg	2,393	2,393	0	0	4,744	2,732	1,334	678	(2,352)	(340)	(1,334)	(678)								
219	98	Pipeline Integrity Pgm Mgmt	5723017	P.01923-L-114 MP 9.03-16.59 Ili Int Mgmt	1,174	1,174	0	0	1,752	1,351	371	31	(579)	(177)	(371)	(31)								
220	98	Pipeline Integrity Pgm Mgmt	5723867	30603908-L-100 Mp 138.43-150.13 Ili Upgr	358	0	0	358	3,810	0	895	2,915	(3,452)	0	(895)	(2,557)								
221	98	Pipeline Integrity Pgm Mgmt	5723868	30603909-L-105n Mp 7.80-25.23 Ili Upgrad	0	0	0	0	15	0	15	0	(15)	0	0	(15)								
222	98	Pipeline Integrity Pgm Mgmt	5723869	30603910-L-108 Mp 14.62-36.96 Ili Upgrad	2,404	20	402	1,982	552	0	53	499	1,853	20	349	1,484								
223	98	Pipeline Integrity Pgm Mgmt	5723870	30603911-L-119b Mp 0.00-10.17 Ili Upgrad	2,843	306	2,537	0	4,543	418	3,190	935	(1,700)	(112)	(653)	(935)								
224	98	Pipeline Integrity Pgm Mgmt	5723871	30603911-L-210B Mp 1.37-25.98 Ili Int Mg	3,413	20	480	2,913	0	0	0	0	3,413	20	480	2,913								
225	98	Pipeline Integrity Pgm Mgmt	5723873	30603915-L-300a Mp256.21-299.01 Ili Upgr	0	0	0	0	8	0	(0)	8	(8)	0	0	(8)								
226	98	Pipeline Integrity Pgm Mgmt	5723898	30603917-L-402 Mp 10.14-33.52 Ili Upgrad	452	0	0	452	(0)	(0)	0	0	452	0	0	452								
227	98	Pipeline Integrity Pgm Mgmt	5723899	P.02978-L124a Mp 0 To 26_27 Ili Upgrade	3,393	20	473	2,900	4,532	1	357	4,175	(1,140)	19	117	(1,275)								
228	98	Pipeline Integrity Pgm Mgmt	5723900	30603919-L-210a Ili Mp1.38-19.47 Pipelin	401	0	0	401	5,223	1	609	4,612	(4,822)	(1)	(609)	(4,211)								
229	98	Pipeline Integrity Pgm Mgmt	5723901	30603920-L-57a Mp 9.29-16.68 Ili Upgrade	0	0	0	0	366	0	33	334	(366)	0	(33)	(334)								
230	98	Pipeline Integrity Pgm Mgmt	5723902	30603922-L-21c/e Mp 35.05-64.36 Ili Upgr	3,541	586	2,955	0	6,759	560	4,342	1,857	(3,218)	26	(1,387)	(1,857)								
231	98	Pipeline Integrity Pgm Mgmt	5723903	30603923-L-215 Mp 0.00-20.05 Ili Upgrade	2,361	331	2,030	0	1,001	235	755	10	1,360	96	1,275	(10)								
232	98	Pipeline Integrity Pgm Mgmt	5723904	30603924-L-401 Ili 82.34-149.19 Pipeline	1,113	444	669	0	3,976	1,084	2,724	168	(2,863)	(640)	(2,055)	(168)								
233	98	Pipeline Integrity Pgm Mgmt	5724058	P01063-L-131 Mp 24.88 - 50.57 Ili Int	0	0	0	0	4	4	0	0	(4)	(4)	0	0								
234	98	Pipeline Integrity Pgm Mgmt	5724059	P.01557-L-142S MP 0.00-9.01 Ili Int Mgmt	0	0	0	0	82	74	0	7	(82)	(74)	(0)	(7)								
235	98	Pipeline Integrity Pgm Mgmt	5724159	P.01525-L-172A MP 40.07-69.81 Ili Int Mg	0	0	0	0	19	14	2	2	(19)	(14)	(2)	(2)								
236	98	Pipeline Integrity Pgm Mgmt	5724278	P.02085-Long Trm Int Mgmt work for HCA P	3,100	1,500	0	1,600	1,712	330	309	1,073	1,388	1,170	(309)	527								
237	98	Pipeline Integrity Pgm Mgmt	5729878	7055673-L303 Mp0.00-42.86 Upgrade Pipeli	0	0	0	0	6,447	6,283	147	18	(6,447)	(6,283)	(147)	(18)								
238	98	Pipeline Integrity Pgm Mgmt	5729879	7056190-L-21d Mp 18.64-31.81 Upgrade Pip	0	0	0	0	2,172	2,151	21	0	(2,172)	(2,151)	(21)	0								
239	98	Pipeline Integrity Pgm Mgmt	5729880	7056191-L400 Mp82.33-142.6 Upgrade Pipe	0	0	0	0	3,275	3,205	69	0	(3,275)	(3,205)	(69)	0								
240	98	Pipeline Integrity Pgm Mgmt	5733801	P.02962-L-177A Ili Upgrade	0	0	0	0	5,136	0	502	4,634	(5,136)	0	(502)	(4,634)								