APPENDIX C1 – SUMMER PEAK OPERATING CONDITIONS
STEADY STATE POWER FLOW RESULTS
AUTOCON NORMAL COMPARISON FILES

Hyperlink to: Normal B_cases C_cases

Normal

From Bus	Name	kV	Ar	To Bus	Name	kV	Ar	ID	Base MW	Base MVAR	Rate 1 PU Loading	Rate 1 Flow	Rate 1 Rating	File
30482	LOCKFORD	230	30	33724	LOCKEFRD	60	30	2	136	55	1.09	147 MVA	134.4 MVA	2004Sum_CVEC_afterB2_Renum
30482	LOCKFORD	230	30	33724	LOCKEFRD	60	30	2	136	55	1.09	147 MVA	134.4 MVA	2004Sum_CVEC_beforeB2_Renum
30501	BLLTA 1M	230	30	33804	BELLTA T	14	30	1	0	40	1	40 MVA	40 MVA	2004Sum_CVEC_afterB2_Renum
30501	BLLTA 1M	230	30	33804	BELLTA T	14	30	1	0	40	1	40 MVA	40 MVA	2004Sum_CVEC_beforeB2_Renum
No Violation														
30520	SECAL	230	30	30522	SECAL_2	18	30	1	-195	39	1.24	198 MVA	160 MVA	2004Sum_CVEC_beforeB2_Renum
30520	SECAL	230	30	30524	SECAL_3	18	30	1	-195	32	1.23	197 MVA	160 MVA	2004Sum_CVEC_afterB2_Renum
30520	SECAL	230	30	30524	SECAL_3	18	30	1	-195	39	1.24	198 MVA	160 MVA	2004Sum_CVEC_beforeB2_Renum
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	150	20	1.01	151 MVA	150 MVA	2004Sum_CVEC_afterB2_Renum
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	150	16	1.01	151 MVA	150 MVA	2004Sum_CVEC_beforeB2_Renum
30735	METCALF	230	30	35642	MTCALF D	115	30	1	399	99	1.02	411 MVA	403.2 MVA	2004Sum_CVEC_afterB2_Renum
30735	METCALF	230	30	35642	MTCALF D	115	30	1	370	99	0.95	383 MVA	403.2 MVA	2004Sum_CVEC_beforeB2_Renum
30735	METCALF	230	30	35643	MTCALF E	115	30	2	390	98	1	402 MVA	403.2 MVA	2004Sum_CVEC_afterB2_Renum
30735	METCALF	230	30	35643	MTCALF E	115	30	2	362	97	0.93	375 MVA	403.2 MVA	2004Sum_CVEC_beforeB2_Renum
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	113	110	1.29	158 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	114	111	1.3	159 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum
30790	PANOCHE	230	30	30873	HELM	230	30	1	-301	44	1.01	748 AMPS	742.02 AMPS	2004Sum_CVEC_afterB2_Renum
No Violation														
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	-113	-101	1.24	151 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	-113	-102	1.25	152 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum
30805	BORDEN	230	30	30810	GREGG	230	30	1	-305	-13	1.13	765 AMPS	675.25 AMPS	2004Sum_CVEC_afterB2_Renum
30805	BORDEN	230	30	30810	GREGG	230	30	1	-214	-12	0.8	537 AMPS	675.25 AMPS	2004Sum_CVEC_beforeB2_Renum
31472	WODLF TF	115	30	31794	WOODLEAF	14	30	1	57	6	1	58 MVA	58 MVA	2004Sum_CVEC_afterB2_Renum
31472	WODLF TF	115	30	31794	WOODLEAF	14	30	1	58	6	1	58 MVA	58 MVA	2004Sum_CVEC_beforeB2_Renum
31474	FRBSTNTF	115	30	31814	FORBSTWN	12	30	1	32	4	0.99	32 MVA	32 MVA	2004Sum_CVEC_afterB2_Renum

31474	FRBSTNTF	115	30	31814	FORBSTWN	12	30	1	32	4	0.99	32 MVA	32 MVA	2004Sum_CVEC_beforeB2_Renum
31596	SOUTH	60	30	31826	SOUTH G	9	30	1	-7	3	1	8 MVA	7.5 MVA	2004Sum_CVEC_afterB2_Renum
31596	SOUTH	60	30	31826	SOUTH G	9	30	1	-7	3	1	8 MVA	7.5 MVA	2004Sum_CVEC_beforeB2_Renum
32218	DRUM	115	30	32454	DRUM 5	14	30	1	43	24	1	49 MVA	49 MVA	2004Sum_CVEC_afterB2_Renum
32218	DRUM	115	30	32454	DRUM 5	14	30	1	42	24	1	49 MVA	49 MVA	2004Sum_CVEC_beforeB2_Renum
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	25	9	1	26 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	25	9	1	26 MVA	26 MVA	2004Sum_CVEC_beforeB2_Renum
32388	FRNCH MS	60	30	32508	FRNCH MD	4	30	1	-16	6	1.03	17 MVA	17 MVA	2004Sum_CVEC_afterB2_Renum
32388	FRNCH MS	60	30	32508	FRNCH MD	4	30	1	-16	6	1.03	17 MVA	17 MVA	2004Sum_CVEC_beforeB2_Renum
32762	STD. OIL	115	30	32921	ChevGen1	14	30	1	54	34	1	64 MVA	64 MVA	2004Sum_CVEC_afterB2_Renum
32762	STD. OIL	115	30	32921	ChevGen1	14	30	1	54	34	1	64 MVA	64 MVA	2004Sum_CVEC_beforeB2_Renum
32762	STD. OIL	115	30	32922	ChevGen2	14	30	1	54	34	1	64 MVA	64 MVA	2004Sum_CVEC_afterB2_Renum
32762	STD. OIL	115	30	32922	ChevGen2	14	30	1	54	34	1	64 MVA	64 MVA	2004Sum_CVEC_beforeB2_Renum
33514	MANTECA	115	30	33742	MANTECA	60	30	3	27	15	1.01	31 MVA	31.2 MVA	2004Sum_CVEC_afterB2_Renum
33514	MANTECA	115	30	33742	MANTECA	60	30	3	27	15	1	31 MVA	31.2 MVA	2004Sum_CVEC_beforeB2_Renum
33566	CAMANCHE	115	30	33850	CAMANCHE	4	30	1	-11	3	0.99	11 MVA	11 MVA	2004Sum_CVEC_afterB2_Renum
33566	CAMANCHE	115	30	33850	CAMANCHE	4	30	1	-10	3	0.99	11 MVA	11 MVA	2004Sum_CVEC_beforeB2_Renum
33620	AM FORST	60	30	33826	MARTELL	9	30	1	11	6	0.99	12 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum
33620	AM FORST	60	30	33826	MARTELL	9	30	1	11	5	0.98	12 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	-92	-5	1	436 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	-82	-7	0.89	390 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	-6	18	1.39	19 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	-6	19	1.42	20 MVA	14 MVA	2004Sum_CVEC_beforeB2_Renum
35616	SJ B E	115	30	35617	FMC JCT	115	30	1	175	0	1.23	866 AMPS	702.86 AMPS	2004Sum_CVEC_afterB2_Renum
35616	SJ B E	115	30	35617	FMC JCT	115	30	1	156	5	1.09	768 AMPS	702.86 AMPS	2004Sum_CVEC_beforeB2_Renum
36962	MOCCASIN	115	30	36990	MCSN CK1	11	30	1	49	8	0.99	50 MVA	50 MVA	2004Sum_CVEC_afterB2_Renum
36962	MOCCASIN	115	30	36990	MCSN CK1	11	30	1	49	6	0.99	49 MVA	50 MVA	2004Sum_CVEC_beforeB2_Renum

36962	MOCCASIN	115	30	36992	MCSN CK2	11	30	1	49	8	0.99	50 MVA	50 MVA	2004Sum_CVEC_afterB2_Renum
36962	MOCCASIN	115	30	36992	MCSN CK2	11	30	1	49	6	0.99	49 MVA	50 MVA	2004Sum_CVEC_beforeB2_Renum
37118	ROBBS PK	69	30	37314	ROBBS PK	14	30	1	24	6	1.01	25 MVA	25 MVA	2004Sum_CVEC_afterB2_Renum
37118	ROBBS PK	69	30	37314	ROBBS PK	14	30	1	24	6	1.01	25 MVA	25 MVA	2004Sum_CVEC_beforeB2_Renum
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	124	36	0.99	129 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	124	35	0.99	129 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum

APPENDIX C1 – SUMMER PEAK OPERATING CONDITIONS
STEADY STATE POWER FLOW RESULTS
AUTOCON BRANCH COMPARISON FILES FOR ISO CATEGORY B

Hyperlink to: Normal B_cases C_cases

B_cases

From Bus	Name	kV	Ar	To Bus	Name	kV	Ar	ID	Rate1 Base	Rate2 Out	MW	MVAR	Flow	Rating	File	Out#
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.24	1.69	1554.87	254.15	1575.5 MVA	933 MVA	2004Sum_CVEC_afterB1	31
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.28	1.79	1649.23	262.01	1669.92 MVA	933 MVA	2004Sum_CVEC_beforeB1	31
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.24	1	914.86	173.41	931.15 MVA	933 MVA	2004Sum_CVEC_afterB2_Renum	490
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.28	1.13	1037.68	166.77	1050.99 MVA	933 MVA	2004Sum_CVEC_beforeB2_Renum	490
30060	MIDWAY	500	30	30970	MIDWAY	230	30	1	0.9	1.4	-1490.44	492.9	1569.83 MVA	1120 MVA	2004Sum_CVEC_afterB1	246
30060	MIDWAY	500	30	30970	MIDWAY	230	30	1	0.85	1.32	-1401.65	483.7	1482.76 MVA	1120 MVA	2004Sum_CVEC_beforeB1	246
30060	MIDWAY	500	30	35003	MDWY 11M	14	30	11	0.83	1.73	-1381.51	452.4	1453.7 MVA	840 MVA	2004Sum_CVEC_afterB1	258
30060	MIDWAY	500	30	35003	MDWY 11M	14	30	11	0.79	1.63	-1299.5	439.01	1371.66 MVA	840 MVA	2004Sum_CVEC_beforeB1	258
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.99	129	44.77	136.55 MVA	138 MVA	2004Sum_CVEC_afterB2_Renum	508
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.99	129	43.47	136.13 MVA	138 MVA	2004Sum_CVEC_beforeB2_Renum	508
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.99	129	43.17	136.03 MVA	138 MVA	2004Sum_CVEC_afterB2_Renum	509
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.98	129	42.02	135.67 MVA	138 MVA	2004Sum_CVEC_beforeB2_Renum	509
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.99	129	43.68	136.19 MVA	138 MVA	2004Sum_CVEC_afterB2_Renum	510
30346	MDDLFK M	230	30	32456	MIDLFORK	14	30	1	0.98	0.99	129	43.28	136.07 MVA	138 MVA	2004Sum_CVEC_beforeB2_Renum	510
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	1	0.89	1.1	162.86	30.04	165.61 MVA	150 MVA	2004Sum_CVEC_afterB1	241
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	1	0.82	0.92	135.71	27.03	138.37 MVA	150 MVA	2004Sum_CVEC_beforeB1	241
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	2	0.89	1.1	81.44	15.02	82.82 MVA	75 MVA	2004Sum_CVEC_afterB1	241
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	2	0.82	0.92	67.86	13.52	69.2 MVA	75 MVA	2004Sum_CVEC_beforeB1	241
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	3	0.89	1.1	81.44	15.02	82.82 MVA	75 MVA	2004Sum_CVEC_afterB1	241
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	3	0.82	0.92	67.86	13.52	69.2 MVA	75 MVA	2004Sum_CVEC_beforeB1	241
30528	DEC PTSG	230	30	33108	DEC CTG1	18	30	1	0.98	0.99	200	69.91	211.86 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	508
No Violation																
30528	DEC PTSG	230	30	33108	DEC CTG1	18	30	1	0.98	0.99	200	69.91	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	510

30528	DEC PTSG	230	30	33108	DEC CTG1	18	30	1	0.97	0.98	200	67.19	210.98 MVA	215 MVA	2004Sum_CVEC_beforeB2_Renum	510
30528	DEC PTSG	230	30	33108	DEC CTG1	18	30	1	0.98	0.99	200	69.93	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	516
No Violation																
30528	DEC PTSG	230	30	33109	DEC CTG2	18	30	1	0.98	0.99	200	69.91	211.86 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	508
No Violation																
30528	DEC PTSG	230	30	33109	DEC CTG2	18	30	1	0.98	0.99	200	69.91	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	510
30528	DEC PTSG	230	30	33109	DEC CTG2	18	30	1	0.97	0.98	200	67.19	210.98 MVA	215 MVA	2004Sum_CVEC_beforeB2_Renum	510
30528	DEC PTSG	230	30	33109	DEC CTG2	18	30	1	0.98	0.99	200	69.93	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	516
No Violation																
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	0.98	0.99	200	69.91	211.86 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	508
No Violation																
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	0.98	0.99	200	69.91	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	510
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	0.97	0.98	200	67.19	210.98 MVA	215 MVA	2004Sum_CVEC_beforeB2_Renum	510
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	0.98	0.99	200	69.93	211.87 MVA	215 MVA	2004Sum_CVEC_afterB2_Renum	516
No Violation																
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.01	1.02	150	26.97	152.41 MVA	150 MVA	2004Sum_CVEC_afterB2_Renum	510
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.01	1.01	150	24.57	152 MVA	150 MVA	2004Sum_CVEC_beforeB2_Renum	510
30735	METCALF	230	30	30750	MOSSLND2	230	30	1	0.82	1.25	-449.34	79.06	1136.79 AMPS	909.95 AMPS	2004Sum_CVEC_afterB2_Renum	516
30735	METCALF	230	30	30750	MOSSLND2	230	30	1	0.67	1.03	-374.21	60.36	934.8 AMPS	909.95 AMPS	2004Sum_CVEC_beforeB2_Renum	516
30735	METCALF	230	30	30755	MOSSLND1	230	30	1	0.82	1.24	-447.49	78.73	1132.1 AMPS	909.95 AMPS	2004Sum_CVEC_afterB2_Renum	516
30735	METCALF	230	30	30755	MOSSLND1	230	30	1	0.67	1.02	-372.53	60.16	930.63 AMPS	909.95 AMPS	2004Sum_CVEC_beforeB2_Renum	516
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	123.14	108.98	164.44 MVA	146.2 MVA	2004Sum_CVEC_afterB1	1
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.89	111.82	161.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	1
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	117.43	113.39	163.25 MVA	146.2 MVA	2004Sum_CVEC_afterB1	107
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	119.43	113.91	165.05 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	107

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.55	109.53	158.49 MVA	146.2 MVA	2004Sum_CVEC_afterB1	136
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.68	110.13	159.72 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	136
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.25	110.56	165.57 MVA	146.2 MVA	2004Sum_CVEC_afterB1	145
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.67	111.62	161.46 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	145
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	121.2	108.98	162.99 MVA	146.2 MVA	2004Sum_CVEC_afterB1	163
No Violation																
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.38	111.74	161.34 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	2
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.88	109.94	159.01 MVA	146.2 MVA	2004Sum_CVEC_afterB1	226
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.92	110.41	160.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	226
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.19	157.25	73.83	173.72 MVA	146.2 MVA	2004Sum_CVEC_afterB1	249
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.2	158.21	74.5	174.87 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	249
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.47	109.79	158.61 MVA	146.2 MVA	2004Sum_CVEC_afterB1	254
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.91	109.9	159.01 MVA	146.2 MVA	2004Sum_CVEC_afterB1	255
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.07	110.68	159.66 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	255
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.16	122.69	116.25	169.02 MVA	146.2 MVA	2004Sum_CVEC_afterB1	257
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.18	126.87	116.88	172.51 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	257
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	122.21	110.81	164.97 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	261
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122.38	108.31	163.42 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	261
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.19	129.53	115.34	173.44 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	262
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.18	130.04	112.81	172.15 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	262
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	120.15	114.08	165.68 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	263
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	122.13	114.4	167.34 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	263
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.54	157.84	160.03	224.77 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	265
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.55	164.11	156.62	226.85 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	265

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.36	109.99	162.31 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	268
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	119.98	110.07	162.82 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	268
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	125.26	106	164.09 MVA	146.2 MVA	2004Sum_CVEC_afterB1	27
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	121.48	107.15	161.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	27
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.18	134.55	108.32	172.73 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	272
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	121.15	111.17	164.43 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	272
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	119.48	115.02	165.85 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	280
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	123.62	115.63	169.27 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	280
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.03	109.8	159.02 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	293
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	116.06	110.13	159.99 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	293
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.13	109.92	158.46 MVA	146.2 MVA	2004Sum_CVEC_afterB1	3
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.43	109.04	161.72 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	307
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	121.4	108.99	163.15 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	307
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	115.83	108.22	158.51 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	308
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	115.51	110.85	160.09 MVA	146.2 MVA	2004Sum_CVEC_afterB1	31
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.29	110.21	160.22 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	31
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.38	111.74	161.34 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	310
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	123.14	108.98	164.44 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	311
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.89	111.82	161.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	311
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.29	149.47	113.9	187.92 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	312
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.22	140.29	110.37	178.5 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	312
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	117.18	108.89	159.96 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	313

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	119.4	109.35	161.9 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	313
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	119.96	107.03	160.77 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	314
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	119.05	108.28	160.93 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	314
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	113.98	110.31	158.62 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	317
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	123.74	111.61	166.64 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	319
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	123.87	109.04	165.02 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	319
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	125.53	105.91	164.24 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	326
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	121.78	107.04	162.14 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	326
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	117.43	113.39	163.25 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	330
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	119.43	113.91	165.05 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	330
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.17	110.02	158.55 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	335
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.95	110.7	159.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	335
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.16	126.64	111.71	168.87 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	340
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.17	132.77	108.87	171.69 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	340
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	117.15	109.12	160.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	341
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	122.21	110.81	164.97 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	346
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122.38	108.31	163.42 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	346
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.14	110.24	158.68 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	352
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.82	110.92	159.64 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	352
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.33	120.37	108.56	162.09 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	354
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	121.04	109.15	162.98 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	354
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.4	127.77	112.11	169.98 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	355
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.38	127.81	109.61	168.37 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	355

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	113.5	110.47	158.39 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	360
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.33	119.95	108.87	161.99 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	361
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	120.72	109.5	162.98 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	361
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.38	111.74	161.34 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	379
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	123.14	108.98	164.44 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	380
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.89	111.82	161.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	380
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.29	149.47	113.9	187.92 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	381
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.22	140.29	110.37	178.5 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	381
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	117.18	108.89	159.96 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	382
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	119.4	109.35	161.9 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	382
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.55	109.86	165.33 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	383
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	122.44	106.21	162.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	383
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.55	109.86	165.33 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	384
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	122.44	106.21	162.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	384
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.57	108.88	163.94 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	385
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122	108.81	163.48 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	385
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.57	108.88	163.94 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	386
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122	108.81	163.48 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	386
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	121.31	108.98	163.07 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	387
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	120.97	109.09	162.89 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	387
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	126.23	108.57	166.5 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	388
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	127.84	107.7	167.16 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	388
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.64	111.23	159.73 MVA	146.2 MVA	2004Sum_CVEC_afterB1	39
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.41	111.69	160.6 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	39

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.38	109.96	159.38 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	390
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	116.44	109.67	159.96 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	390
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.91	109.79	159.65 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	391
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.03	109.3	160.13 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	391
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	113.98	110.31	158.62 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	393
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.17	110.02	158.55 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	397
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.95	110.7	159.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	397
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	117.58	109.68	160.8 MVA	146.2 MVA	2004Sum_CVEC_afterB1	41
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.05	110.73	160.4 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	41
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	114.55	109.53	158.49 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	412
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.68	110.13	159.72 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	412
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	116.59	109.12	159.7 MVA	146.2 MVA	2004Sum_CVEC_afterB1	42
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	125.26	106.01	164.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	420
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	121.48	107.15	161.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	420
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	116.18	108.84	159.2 MVA	146.2 MVA	2004Sum_CVEC_afterB1	43
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	120.78	108.96	162.67 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	438
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.62	108.89	163.99 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	442
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122.11	108.86	163.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	442
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.62	108.89	163.99 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	443
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122.11	108.86	163.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	443
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.62	108.89	163.99 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	444

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	122.11	108.86	163.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	444
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	119.53	115.34	166.11 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	445
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	123.72	116.08	169.65 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	445
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.36	109.99	162.31 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	446
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	119.98	110.07	162.82 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	446
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.33	119.36	110	162.32 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	458
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	119.98	110.07	162.82 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	458
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.35	122.62	108.89	163.99 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	460
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	122.12	108.86	163.59 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	460
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.35	122.62	108.89	163.99 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	461
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	122.12	108.86	163.59 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	461
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.35	122.62	108.89	163.99 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	462
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.34	122.12	108.86	163.59 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	462
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	114.83	109.26	158.5 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	463
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.31	115.72	109.8	159.52 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	463
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	113.84	110.06	158.35 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	464
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	113.84	110.06	158.35 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	465
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	113.92	109.9	158.29 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	468
No Violation																
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	117.96	111.81	162.53 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	47
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	115.2	109.47	158.91 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	482
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.31	115.89	109.95	159.75 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	482

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.3	114.08	109.83	158.35 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	483
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.31	114.77	110.32	159.19 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	483
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.31	117.39	108.5	159.85 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	484
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.32	118.07	108.92	160.64 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	484
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.22	140.84	110.18	178.82 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	490
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.19	140.46	103.37	174.4 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	490
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.17	131.96	108.82	171.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	491
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.2	138.01	107.58	174.99 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	492
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.17	131.44	108.86	170.67 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	492
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.85	108.86	164.14 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	493
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	124.14	108.16	164.65 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	493
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	129.81	110.01	170.16 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	494
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.18	133.36	108.69	172.04 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	495
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.18	134.81	107.32	172.32 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	495
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	123.62	108.65	164.58 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	496
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.16	130.34	109.41	170.17 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	497
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	123.12	108.71	164.24 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	497
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.42	110.05	162.39 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	498
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	121.41	106.85	161.73 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	498
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	126.95	111.47	168.94 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	499
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	119.96	107.03	160.77 MVA	146.2 MVA	2004Sum_CVEC_afterB1	5
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	119.05	108.28	160.93 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	5

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115	110.06	159.18 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	500
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.02	110.6	160.29 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	500
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.93	109.42	158.69 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	501
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.66	110.01	159.63 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	501
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	117.58	108.98	160.31 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	502
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	118.59	109.45	161.38 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	502
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	117.4	108.54	159.88 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	503
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	118.13	109.08	160.78 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	503
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.28	148.06	113.7	186.68 MVA	146.2 MVA	2004Sum_CVEC_afterB1	51
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.22	140.43	110.16	178.48 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	51
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.93	109.13	159.22 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	516
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.93	109.68	159.59 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	516
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.55	109.86	165.33 MVA	146.2 MVA	2004Sum_CVEC_afterB1	53
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	122.44	106.21	162.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	53
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.55	109.86	165.33 MVA	146.2 MVA	2004Sum_CVEC_afterB1	54
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	122.44	106.21	162.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	54
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.61	110.14	160.4 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	58
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.57	109.15	161.9 MVA	146.2 MVA	2004Sum_CVEC_afterB1	59
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.38	109.96	159.38 MVA	146.2 MVA	2004Sum_CVEC_afterB1	61
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	116.44	109.67	159.96 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	61
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.91	109.79	159.65 MVA	146.2 MVA	2004Sum_CVEC_afterB1	62
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.03	109.3	160.13 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	62
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	117.53	109.12	160.38 MVA	146.2 MVA	2004Sum_CVEC_afterB1	63

No Violation

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	113.95	110.55	158.76 MVA	146.2 MVA	2004Sum_CVEC_afterB1	7
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.7	110.79	159.46 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	7
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	113.98	110.31	158.62 MVA	146.2 MVA	2004Sum_CVEC_afterB1	90
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	117.16	112.05	162.12 MVA	146.2 MVA	2004Sum_CVEC_afterB1	92
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.47	109.78	160.78 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	92
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	113.86	114	161.12 MVA	146.2 MVA	2004Sum_CVEC_afterB1	94
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	115.31	113.76	161.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	94
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.08	-368.86	55.11	919.48 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	1
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.36	-460.37	84.08	1156.59 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	2
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.36	-460.37	84.08	1156.59 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	310
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.08	-368.86	55.11	919.48 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	311
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.36	-460.37	84.08	1156.59 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	379
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.08	-368.86	55.11	919.48 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	380
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.09	-371.45	61.84	925.92 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	491
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1	-342.22	52.52	851.39 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	492
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.28	-432.68	79.53	1086.37 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	496
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.04	-355	53.48	884.71 AMPS	849.96 AMPS	2004Sum_CVEC_afterB2_Renum	497
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	0.99	-336.8	49.4	840.75 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	51
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.01	-345.68	50.52	862.28 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	52
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.01	-343.04	51.37	854.57 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	59
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.04	-353.81	54.45	882.2 AMPS	849.96 AMPS	2004Sum_CVEC_afterB1	63
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	0.86	1.15	-447.12	69.48	1116.5 AMPS	968.94 AMPS	2004Sum_CVEC_afterB1	47
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	0.86	1.08	-420.21	65.53	1048.63 AMPS	968.94 AMPS	2004Sum_CVEC_afterB2_Renum	499
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.65	-99.27	157.79 MVA	146.2 MVA	2004Sum_CVEC_afterB1	1
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.41	-102.55	154.39 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	1
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-116.95	-103.84	156.39 MVA	146.2 MVA	2004Sum_CVEC_afterB1	107
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-118.94	-104.14	158.08 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	107
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.08	-100.53	152.05 MVA	146.2 MVA	2004Sum_CVEC_afterB1	136
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.21	-100.98	153.2 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	136
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-122.76	-100.73	158.79 MVA	146.2 MVA	2004Sum_CVEC_afterB1	145
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-116.19	-102.26	154.78 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	145
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-120.72	-99.45	156.41 MVA	146.2 MVA	2004Sum_CVEC_afterB1	163
No Violation																

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-117.36	-96.75	152.1 MVA	146.2 MVA	2004Sum_CVEC_afterB1	167
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-118.38	-96.91	152.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	167
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.91	-102.43	154.68 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	2
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.41	-100.86	152.52 MVA	146.2 MVA	2004Sum_CVEC_afterB1	226
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.45	-101.21	153.53 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	226
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.16	-156.72	-63.02	168.91 MVA	146.2 MVA	2004Sum_CVEC_afterB1	249
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.16	-157.67	-63.53	169.99 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	249
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114	-100.76	152.15 MVA	146.2 MVA	2004Sum_CVEC_afterB1	254
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.45	-100.83	152.53 MVA	146.2 MVA	2004Sum_CVEC_afterB1	255
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.6	-101.55	153.12 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	255
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.11	-122.18	-106.04	161.78 MVA	146.2 MVA	2004Sum_CVEC_afterB1	257
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.13	-126.35	-106.23	165.07 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	257
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-121.72	-101.06	158.21 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	261
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.89	-98.74	156.87 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	261
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.14	-129	-104.55	166.05 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	262
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.13	-129.51	-102.18	164.97 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	262
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-119.65	-104.24	158.69 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	263
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.1	-121.62	-104.36	160.26 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	263
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.45	-157.03	-141.87	211.62 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	265
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.46	-163.28	-138.04	213.81 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	265
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.88	-100.55	155.7 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	268
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-119.49	-100.54	156.16 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	268
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-124.76	-96.36	157.64 MVA	146.2 MVA	2004Sum_CVEC_afterB1	27

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-120.99	-97.75	155.55 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	27
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.13	-134.02	-97.64	165.81 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	272
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-120.65	-101.48	157.66 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	272
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-118.98	-105.17	158.8 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	280
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-123.11	-105.36	162.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	280
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.56	-100.71	152.54 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	293
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.59	-100.92	153.45 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	293
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.66	-100.93	152 MVA	146.2 MVA	2004Sum_CVEC_afterB1	3
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.96	-99.73	155.23 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	307
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-120.92	-99.48	156.58 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	307
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-115.36	-99.15	152.12 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	308
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-115.04	-101.75	153.58 MVA	146.2 MVA	2004Sum_CVEC_afterB1	31
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.82	-101.04	153.7 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	31
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.91	-102.43	154.68 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	310
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.65	-99.27	157.79 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	311
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.41	-102.55	154.39 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	311
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.23	-148.87	-101.35	180.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	312
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.17	-139.74	-99.02	171.26 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	312
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.71	-99.77	153.54 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	313
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.92	-100.01	155.38 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	313
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-119.49	-97.77	154.39 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	314
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.57	-99	154.46 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	314

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.51	-101.27	152.12 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	317
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.24	-101.67	159.76 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	319
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-123.37	-99.28	158.36 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	319
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-125.04	-96.25	157.8 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	326
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-121.29	-97.63	155.7 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	326
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-116.95	-103.84	156.39 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	330
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-118.94	-104.14	158.08 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	330
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.71	-101	152.08 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	335
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.48	-101.56	153.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	335
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.11	-126.13	-101.57	161.94 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	340
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.13	-132.24	-98.32	164.79 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	340
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.68	-99.9	153.61 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	341
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-121.72	-101.06	158.21 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	346
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.89	-98.74	156.87 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	346
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.67	-101.22	152.2 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	352
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.34	-101.79	153.09 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	352
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.28	-119.89	-99.15	155.58 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	354
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.28	-120.55	-99.63	156.39 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	354
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.34	-127.25	-101.76	162.94 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	355
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.33	-127.3	-99.45	161.54 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	355
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-113.04	-101.47	151.9 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	360
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.28	-119.47	-99.47	155.46 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	361
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.28	-120.24	-99.97	156.37 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	361

No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.91	-102.43	154.68 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	379
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.65	-99.27	157.79 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	380
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.41	-102.55	154.39 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	380
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.23	-148.87	-101.35	180.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	381
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.17	-139.74	-99.02	171.26 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	381
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.71	-99.77	153.54 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	382
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.92	-100.01	155.38 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	382
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.05	-100.1	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	383
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-121.95	-96.75	155.67 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	383
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.05	-100.1	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	384
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-121.95	-96.75	155.67 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	384
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.08	-99.32	157.38 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	385
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.52	-99.26	156.9 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	385
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.08	-99.32	157.38 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	386
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.52	-99.26	156.9 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	386
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-120.82	-99.53	156.53 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	387
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-120.48	-99.61	156.33 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	387
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-125.73	-98.74	159.87 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	388
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.1	-127.34	-97.7	160.5 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	388
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-114.17	-102.07	153.14 MVA	146.2 MVA	2004Sum_CVEC_afterB1	39
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.93	-102.43	153.95 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	39
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-114.91	-100.87	152.9 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	390
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.97	-100.47	153.44 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	390
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-115.44	-100.67	153.17 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	391

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.55	-100.07	153.61 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	391
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.51	-101.27	152.12 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	393
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.71	-101	152.08 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	397
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.48	-101.56	153.04 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	397
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-117.11	-100.42	154.26 MVA	146.2 MVA	2004Sum_CVEC_afterB1	41
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.57	-101.52	153.83 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	41
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.08	-100.53	152.05 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	412
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.21	-100.98	153.2 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	412
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.12	-99.96	153.22 MVA	146.2 MVA	2004Sum_CVEC_afterB1	42
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-124.77	-96.37	157.65 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	420
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-120.99	-97.75	155.55 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	420
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-115.71	-99.72	152.75 MVA	146.2 MVA	2004Sum_CVEC_afterB1	43
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-120.3	-99.47	156.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	438
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-117.36	-96.75	152.1 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	441
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-118.38	-96.91	152.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	441
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.13	-99.34	157.43 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	442
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.63	-99.3	157.01 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	442
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.13	-99.34	157.43 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	443
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.63	-99.3	157.01 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	443
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.13	-99.34	157.43 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	444
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.63	-99.3	157.01 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	444

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-119.03	-105.47	159.04 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	445
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-123.2	-105.78	162.39 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	445
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.88	-100.55	155.7 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	446
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-119.49	-100.54	156.16 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	446
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.28	-118.88	-100.57	155.71 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	458
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.28	-119.49	-100.53	156.16 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	458
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.29	-122.13	-99.34	157.43 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	460
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.29	-121.63	-99.29	157.01 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	460
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.29	-122.13	-99.34	157.43 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	461
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.29	-121.63	-99.29	157.01 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	461
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.29	-122.13	-99.34	157.43 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	462
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.29	-121.63	-99.29	157.01 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	462
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-114.36	-100.25	152.08 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	463
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.26	-115.25	-100.67	153.02 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	463
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-113.38	-101.08	151.89 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	464
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-113.38	-101.08	151.89 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	465
No Violation																
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-117.47	-102.36	155.81 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	47
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-114.73	-100.42	152.47 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	482
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.26	-115.41	-100.79	153.23 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	482
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-113.61	-100.83	151.9 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	483
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.25	-114.3	-101.23	152.68 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	483
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.26	-116.92	-99.35	153.43 MVA	121.8 MVA	2004Sum_CVEC_afterB2_Renum	484
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.27	-117.59	-99.68	154.15 MVA	121.8 MVA	2004Sum_CVEC_beforeB2_Renum	484

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.17	-140.28	-98.83	171.6 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	490
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.15	-139.91	-92.23	167.58 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	490
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-131.43	-98.4	164.19 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	491
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.15	-137.47	-96.66	168.05 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	492
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-130.92	-98.48	163.83 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	492
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.36	-99.28	157.58 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	493
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-123.65	-98.45	158.06 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	493
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-129.29	-99.71	163.28 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	494
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.13	-132.84	-98.21	165.2 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	495
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.13	-134.28	-96.65	165.45 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	495
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-123.13	-98.96	157.97 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	496
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.12	-129.82	-99.02	163.28 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	497
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-122.63	-99.07	157.65 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	497
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-118.93	-100.61	155.78 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	498
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-120.92	-97.45	155.3 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	498
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-126.43	-101.24	161.98 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	499
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-119.49	-97.77	154.39 MVA	146.2 MVA	2004Sum_CVEC_afterB1	5
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.57	-99	154.46 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	5
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.53	-100.98	152.69 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	500
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.55	-101.38	153.72 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	500
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.46	-100.39	152.25 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	501

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.19	-100.88	153.12 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	501
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-117.1	-99.77	153.84 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	502
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.11	-100.11	154.83 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	502
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.93	-99.38	153.45 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	503
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-117.65	-99.81	154.29 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	503
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.22	-147.46	-101.2	178.84 MVA	146.2 MVA	2004Sum_CVEC_afterB1	51
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.17	-139.87	-98.75	171.22 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	51
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-115.46	-100	152.75 MVA	146.2 MVA	2004Sum_CVEC_afterB2_Renum	516
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.45	-100.5	153.07 MVA	146.2 MVA	2004Sum_CVEC_beforeB2_Renum	516
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.05	-100.1	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterB1	53
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-121.95	-96.75	155.67 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	53
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.05	-100.1	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterB1	54
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-121.95	-96.75	155.67 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	54
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.14	-100.91	153.85 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	58
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-119.09	-99.74	155.34 MVA	146.2 MVA	2004Sum_CVEC_afterB1	59
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-114.91	-100.87	152.9 MVA	146.2 MVA	2004Sum_CVEC_afterB1	61
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.97	-100.47	153.44 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	61
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-115.44	-100.67	153.17 MVA	146.2 MVA	2004Sum_CVEC_afterB1	62
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.55	-100.07	153.61 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	62
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-117.05	-99.88	153.87 MVA	146.2 MVA	2004Sum_CVEC_afterB1	63
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.48	-101.55	152.29 MVA	146.2 MVA	2004Sum_CVEC_afterB1	7
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.23	-101.69	152.94 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	7

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.51	-101.27	152.12 MVA	146.2 MVA	2004Sum_CVEC_afterB1	90
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-116.68	-102.62	155.39 MVA	146.2 MVA	2004Sum_CVEC_afterB1	92
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.99	-100.52	154.24 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	92
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-113.39	-104.68	154.32 MVA	146.2 MVA	2004Sum_CVEC_afterB1	94
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-114.82	-104.34	155.15 MVA	146.2 MVA	2004Sum_CVEC_beforeB1	94
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.96	1	-250.75	40.47	634.05 AMPS	635.09 AMPS	2004Sum_CVEC_afterB2_Renum	354
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.74	0.78	-195.4	19.99	492.3 AMPS	635.09 AMPS	2004Sum_CVEC_beforeB2_Renum	354
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.96	1.06	-267.55	30.58	674.71 AMPS	635.09 AMPS	2004Sum_CVEC_afterB2_Renum	355
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.74	0.85	-214.12	29.95	540.9 AMPS	635.09 AMPS	2004Sum_CVEC_beforeB2_Renum	355
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.96	1.02	-301.98	34.42	757.5 AMPS	745.54 AMPS	2004Sum_CVEC_afterB1	52
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.74	0.77	-229.36	18.69	575.15 AMPS	745.54 AMPS	2004Sum_CVEC_beforeB1	52
30800	WILSON	230	30	34136	WILSON B	115	30	2	0.47	1.23	166.66	61	177.47 MVA	144 MVA	2004Sum_CVEC_afterB2_Renum	262
30800	WILSON	230	30	34136	WILSON B	115	30	2	0.51	1.29	175.52	59.45	185.32 MVA	144 MVA	2004Sum_CVEC_beforeB2_Renum	262
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.11	-13.09	781.56 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	128
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.73	-15.09	783.64 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	136
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-222.43	-13.09	558.13 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	136
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.79	-14.54	787.07 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	148
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-223.22	-12.71	560.28 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	148
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-331.07	-18.76	828.38 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	17
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.76	-240.2	-15.29	600.97 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	17
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-318.73	-12.42	801.45 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	2
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.07	-337.73	-16.62	848.31 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	240
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.73	-231.67	-11.95	582.34 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	240

30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.99	-11.26	787.45 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	247
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.1	-13.49	783.16 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	251
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-222.07	-10.96	558.2 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	251
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.02	-12.15	781.41 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	252
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-220.91	-9.45	556.06 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	252
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.68	-12.55	783.13 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	258
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-316.03	-15.07	792.4 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	273
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-225.62	-13.25	565.96 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	273
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-318.99	-14.5	801.26 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	277
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.72	-227.32	-13.48	572.09 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	277
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.6	-15.24	783.57 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	279
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-221.5	-13.16	555.84 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	279
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-318.73	-12.42	801.45 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	310
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-318.73	-12.42	801.45 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	379
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-315.2	-10.38	793.95 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	389
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.59	-7.42	566.31 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	389
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-328.61	-14.59	826.31 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	41
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.72	-226.53	-11.73	569.54 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	41
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.73	-15.09	783.64 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	412
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-222.43	-13.09	558.13 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	412
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.79	-14.54	787.07 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	423

30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-223.22	-12.71	560.28 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	423
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-315.49	-18.12	793.59 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	451
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.29	-17.02	565.63 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	451
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-320.87	-12.07	807.19 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	47
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.18	-315.49	-18.12	793.59 AMPS	675.25 AMPS	2004Sum_CVEC_afterB2_Renum	475
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.84	-224.3	-17.02	565.66 AMPS	675.25 AMPS	2004Sum_CVEC_beforeB2_Renum	475
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.14	-307.08	-13.37	770.87 AMPS	675.25 AMPS	2004Sum_CVEC_afterB2_Renum	485
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.8	-215.88	-11.94	542.84 AMPS	675.25 AMPS	2004Sum_CVEC_beforeB2_Renum	485
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.14	-307.08	-13.37	770.87 AMPS	675.25 AMPS	2004Sum_CVEC_afterB2_Renum	486
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.8	-215.88	-11.94	542.84 AMPS	675.25 AMPS	2004Sum_CVEC_beforeB2_Renum	486
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.12	-353.73	-13.04	891.36 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	51
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.8	-253.26	-8.42	636.99 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	51
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.51	-13.82	782.39 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	515
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-320.77	-14.53	806.63 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	516
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.72	-226.95	-10.94	571.04 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB2_Renum	516
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-319.01	-13.14	802.01 AMPS	793.23 AMPS	2004Sum_CVEC_afterB2_Renum	518
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.69	-12.62	788.25 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	57
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-222.84	-10.08	560.58 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	57
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-315.2	-10.38	793.95 AMPS	793.23 AMPS	2004Sum_CVEC_afterB1	60
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.59	-7.42	566.31 AMPS	793.23 AMPS	2004Sum_CVEC_beforeB1	60
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.04	107.25	31.31	111.73 MVA	107 MVA	2004Sum_CVEC_afterB1	128
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.06	108.58	31.04	112.93 MVA	107 MVA	2004Sum_CVEC_beforeB1	128

30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1	102.1	30.91	106.68 MVA	107 MVA	2004Sum_CVEC_afterB1	133
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	103.43	30.58	107.85 MVA	107 MVA	2004Sum_CVEC_beforeB1	133
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.01	104.06	30.02	108.3 MVA	107 MVA	2004Sum_CVEC_afterB1	147
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	104.06	29.83	108.25 MVA	107 MVA	2004Sum_CVEC_beforeB1	147
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.12	115.19	32.56	119.7 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	277
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.13	116.3	32.36	120.72 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	277
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1	102.1	30.91	106.68 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	408
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	103.43	30.58	107.85 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	408
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.02	104.34	31.33	108.94 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	450
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.03	105.86	30.98	110.3 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	450
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.11	113.16	36.83	119 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	451
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.12	114.63	36.53	120.31 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	451
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.11	113.16	36.83	119 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	475
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.12	114.63	36.53	120.31 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	475
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	101.15	30.9	105.77 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	485
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1	102.68	30.54	107.12 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	485
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	101.15	30.9	105.77 MVA	107 MVA	2004Sum_CVEC_afterB2_Renum	486
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1	102.68	30.54	107.12 MVA	107 MVA	2004Sum_CVEC_beforeB2_Renum	486
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	101.4	29.76	105.68 MVA	107 MVA	2004Sum_CVEC_afterB1	63
No Violation																
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.65	1.27	492.58	41.94	1235.07 AMPS	974.97 AMPS	2004Sum_CVEC_afterB2_Renum	490
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.09	0.74	280.13	5.52	720.63 AMPS	974.97 AMPS	2004Sum_CVEC_beforeB2_Renum	490
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.04	339.17	3.9	827.55 AMPS	795.74 AMPS	2004Sum_CVEC_afterB2_Renum	460
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.04	339.17	3.9	827.55 AMPS	795.74 AMPS	2004Sum_CVEC_afterB2_Renum	461
No Violation																

30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.04	339.17	3.9	827.55 AMPS	795.74 AMPS	2004Sum_CVEC_afterB2_Renum	462
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.31	509.25	75.57	1264.59 AMPS	968.94 AMPS	2004Sum_CVEC_afterB2_Renum	490
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	0.99	393.63	10.73	961.92 AMPS	968.94 AMPS	2004Sum_CVEC_afterB2_Renum	495
No Violation																
30830	KEARNEY	230	30	30835	HERNDON	230	30	1	0.43	1.08	412.87	-19.32	1049.85 AMPS	974.97 AMPS	2004Sum_CVEC_afterB2_Renum	490
No Violation																
30881	HENRIETA	230	30	34540	HENRITTA	70	30	2	0.96	1.03	115.39	65.62	132.74 MVA	129 MVA	2004Sum_CVEC_afterB2_Renum	453
30881	HENRIETA	230	30	34540	HENRITTA	70	30	2	0.96	1.03	115.39	65.61	132.74 MVA	129 MVA	2004Sum_CVEC_beforeB2_Renum	453
30881	HENRIETA	230	30	34540	HENRITTA	70	30	2	0.96	1.23	115.39	65.61	132.74 MVA	107.5 MVA	2004Sum_CVEC_afterB2_Renum	481
30881	HENRIETA	230	30	34540	HENRITTA	70	30	2	0.96	1.23	115.39	65.59	132.73 MVA	107.5 MVA	2004Sum_CVEC_beforeB2_Renum	481
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	1	0.75	1.13	-179.29	-34.73	182.62 MVA	161.3 MVA	2004Sum_CVEC_afterB2_Renum	292
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	1	0.76	1.13	-179.17	-34.76	182.51 MVA	161.3 MVA	2004Sum_CVEC_beforeB2_Renum	292
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.09	162.37	69.27	176.53 MVA	161.3 MVA	2004Sum_CVEC_afterB2_Renum	290
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.11	161.67	75.5	178.43 MVA	161.3 MVA	2004Sum_CVEC_beforeB2_Renum	290
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.22	187.58	56.78	195.99 MVA	161.3 MVA	2004Sum_CVEC_afterB2_Renum	291
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.21	187.46	56.75	195.86 MVA	161.3 MVA	2004Sum_CVEC_beforeB2_Renum	291
30945	KERN PP	230	30	34752	KERN PWR	115	30	3	0.87	1.03	135.72	43.45	142.51 MVA	137.7 MVA	2004Sum_CVEC_afterB1	180
30945	KERN PP	230	30	34752	KERN PWR	115	30	3	0.88	1.04	136.57	44.04	143.49 MVA	137.7 MVA	2004Sum_CVEC_beforeB1	180
30945	KERN PP	230	30	34752	KERN PWR	115	30	3a	0.76	1.08	122.55	42.59	129.74 MVA	120 MVA	2004Sum_CVEC_afterB1	180
30945	KERN PP	230	30	34752	KERN PWR	115	30	3a	0.77	1.09	123.32	43.12	130.64 MVA	120 MVA	2004Sum_CVEC_beforeB1	180
30945	KERN PP	230	30	34752	KERN PWR	115	30	3a	0.76	1.39	151.62	69.67	166.86 MVA	120 MVA	2004Sum_CVEC_afterB2_Renum	282
30945	KERN PP	230	30	34752	KERN PWR	115	30	3a	0.77	1.41	153.03	70.82	168.62 MVA	120 MVA	2004Sum_CVEC_beforeB2_Renum	282
30945	KERN PP	230	30	34752	KERN PWR	115	30	5	0.78	1.09	130.61	86.64	156.73 MVA	144 MVA	2004Sum_CVEC_afterB2_Renum	282

30945	KERN PP	230	30	34752	KERN PWR	115	30	5	0.79	1.1	131.83	87.69	158.33 MVA	144 MVA	2004Sum_CVEC_beforeB2_Renum	282
30970	MIDWAY	230	30	35003	MDWY 11M	14	30	11	0.81	1.66	1387.26	-125.42	1392.92 MVA	840 MVA	2004Sum_CVEC_afterB1	258
30970	MIDWAY	230	30	35003	MDWY 11M	14	30	11	0.77	1.56	1304.65	-149	1313.13 MVA	840 MVA	2004Sum_CVEC_beforeB1	258
No Violation																
31474	FRBSTNTF	115	30	31814	FORBSTWN	12	30	1	0.99	1	31.5	5.37	31.95 MVA	32 MVA	2004Sum_CVEC_beforeB2_Renum	510
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.02	24.5	10.42	26.62 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum	508
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.02	24.5	10.04	26.48 MVA	26 MVA	2004Sum_CVEC_beforeB2_Renum	508
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.79	26.39 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum	509
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.49	26.27 MVA	26 MVA	2004Sum_CVEC_beforeB2_Renum	509
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.02	24.5	9.89	26.42 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum	510
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.8	26.39 MVA	26 MVA	2004Sum_CVEC_beforeB2_Renum	510
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.3	26.21 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum	511
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.09	26.13 MVA	26 MVA	2004Sum_CVEC_beforeB2_Renum	511
32222	DTCH FL2	115	30	32502	DTCHFLT2	7	30	1	1	1.01	24.5	9.17	26.16 MVA	26 MVA	2004Sum_CVEC_afterB2_Renum	516
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.95	12.5 MVA	12.5 MVA	2004Sum_CVEC_afterB1	17
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.02	11	6.55	12.8 MVA	12.5 MVA	2004Sum_CVEC_afterB1	240
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1	11	5.92	12.49 MVA	12.5 MVA	2004Sum_CVEC_beforeB1	240
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.07	12.56 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	313
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.73	12.4 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	313
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.07	12.56 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	382
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.73	12.4 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	382
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.02	12.54 MVA	12.5 MVA	2004Sum_CVEC_afterB1	41
No Violation																

No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.77	12.42 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	490
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.07	12.56 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	506
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.6	12.34 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	506
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.07	12.56 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	507
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.6	12.34 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	507
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.03	11	6.66	12.86 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	508
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1.01	11	6.08	12.57 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	508
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.02	11	6.34	12.69 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	509
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1	11	5.83	12.45 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	509
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.08	12.57 MVA	12.5 MVA	2004Sum_CVEC_afterB1	51
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.02	11	6.54	12.8 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	510
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1.01	11	6.24	12.65 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	510
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6	12.53 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	512
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.54	12.32 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	512
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.98	12.52 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	513
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.94	12.5 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	514
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.53	12.31 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	514
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	6.02	12.54 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	515
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.53	12.31 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	515
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.02	11	6.33	12.69 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	516
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.68	12.38 MVA	12.5 MVA	2004Sum_CVEC_beforeB2_Renum	516
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.97	12.52 MVA	12.5 MVA	2004Sum_CVEC_afterB2_Renum	518
No Violation																

33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.02	11	6.47	12.76 MVA	12.5 MVA	2004Sum_CVEC_afterB1	52
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1	11	5.93	12.5 MVA	12.5 MVA	2004Sum_CVEC_beforeB1	52
34104	ATWATER	115	30	34106	CASTLE	115	30	1	0.26	1.19	-167.05	30.88	877.35 AMPS	738 AMPS	2004Sum_CVEC_afterB2_Renum	262
34104	ATWATER	115	30	34106	CASTLE	115	30	1	0.22	1.19	-167.54	31.71	875.42 AMPS	738 AMPS	2004Sum_CVEC_beforeB2_Renum	262
34106	CASTLE	115	30	34138	EL CAPTN	115	30	1	0.26	1.19	-167.81	27.4	877.51 AMPS	739.01 AMPS	2004Sum_CVEC_afterB2_Renum	262
34106	CASTLE	115	30	34138	EL CAPTN	115	30	1	0.22	1.18	-168.3	28.24	875.58 AMPS	739.01 AMPS	2004Sum_CVEC_beforeB2_Renum	262
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.35	103.79	-33.11	538.44 AMPS	398.12 AMPS	2004Sum_CVEC_afterB2_Renum	312
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.06	81.16	-28.91	422.5 AMPS	398.12 AMPS	2004Sum_CVEC_beforeB2_Renum	312
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.35	103.79	-33.11	538.44 AMPS	398.12 AMPS	2004Sum_CVEC_afterB2_Renum	381
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.06	81.16	-28.91	422.5 AMPS	398.12 AMPS	2004Sum_CVEC_beforeB2_Renum	381
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.48	113.28	-34.91	589.68 AMPS	398.12 AMPS	2004Sum_CVEC_afterB1	51
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.19	90.57	-31.56	472.25 AMPS	398.12 AMPS	2004Sum_CVEC_beforeB1	51
34136	WILSON B	115	30	34138	EL CAPTN	115	30	1	0.84	1.75	257.37	20.22	1291.78 AMPS	739.01 AMPS	2004Sum_CVEC_afterB2_Renum	262
34136	WILSON B	115	30	34138	EL CAPTN	115	30	1	0.85	1.74	257.81	19.1	1287.34 AMPS	739.01 AMPS	2004Sum_CVEC_beforeB2_Renum	262
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.4	1.03	-54.8	28.36	61.7 MVA	60 MVA	2004Sum_CVEC_afterB1	92
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.03	-54.81	28.78	61.91 MVA	60 MVA	2004Sum_CVEC_beforeB1	92
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.59	-151.31	-71.31	814.99 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1.57	-149.7	-68.78	803.38 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.12	-120.79	-7.02	573.55 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	312
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.95	-102.89	-5.51	487.95 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	312
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.03	-94.92	-4.35	450.22 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	354
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.92	-85.13	-6.16	404.83 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	354
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.08	-99.03	-5.94	471.02 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	355
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.96	-88.8	-4.89	421.96 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	355
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1	-92.22	-5.23	438.06 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	358

34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.9	-82.43	-6.95	392.56 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	358
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1	-92.12	-5.86	437.96 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	360
No Violation																
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1	-92.49	-4.6	438.91 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	361
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.9	-82.71	-6.36	393.48 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	361
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.12	-120.79	-7.02	573.55 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	381
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.95	-102.89	-5.51	487.95 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	381
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.02	-94.31	-5.11	447.79 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	458
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.92	-84.42	-6.76	402.55 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	458
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.04	-96.49	-3.65	455.74 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	460
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.94	-86.8	-5.15	411.58 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	460
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.04	-96.49	-3.65	455.74 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	461
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.94	-86.8	-5.15	411.58 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	461
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.04	-96.49	-3.65	455.74 AMPS	437.78 AMPS	2004Sum_CVEC_afterB2_Renum	462
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.94	-86.8	-5.15	411.58 AMPS	437.78 AMPS	2004Sum_CVEC_beforeB2_Renum	462
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1	-107.99	-4.86	511.17 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	490
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.94	-100.41	-3.41	482.07 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	490
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.02	-110.14	-2.22	521.47 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	492
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.86	-92.64	-4.86	438.81 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	492
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.15	-123.39	-7.43	589.28 AMPS	512.08 AMPS	2004Sum_CVEC_afterB1	51
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.98	-105.56	-5.53	502.1 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB1	51
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.46	137.69	68.88	750.1 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	1.44	136.07	66.35	738.25 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	0.99	107.17	4.7	508.49 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	312
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.83	89.27	3.21	423 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	312

34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	0.99	107.17	4.7	508.49 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	381
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.83	89.27	3.21	423 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	381
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.02	109.76	5.09	523.8 AMPS	512.08 AMPS	2004Sum_CVEC_afterB1	51
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.85	91.93	3.21	436.94 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB1	51
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.74	1.38	126.28	61.87	706.11 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.63	1.36	124.73	59.53	694.09 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.71	1.35	120.32	51.71	688.79 AMPS	512.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.6	1.32	118.87	49.66	676.81 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.69	2.03	122.71	79.66	146.3 MVA	72 MVA	2004Sum_CVEC_afterB2_Renum	265
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.51	2.03	124.33	77.35	146.43 MVA	72 MVA	2004Sum_CVEC_beforeB2_Renum	265
34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.78	2.02	57.79	12.2	570.04 AMPS	282.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.64	2	57.63	11.95	565.04 AMPS	282.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.3	2.08	83.77	43.22	909.73 AMPS	437.14 AMPS	2004Sum_CVEC_afterB2_Renum	265
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.07	2.06	83.6	42.68	901.11 AMPS	437.14 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34200	ORO LOMA	70	30	34234	POSO J1	70	30	1	0.34	1.08	-31.5	-1.25	304.23 AMPS	282.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34200	ORO LOMA	70	30	34234	POSO J1	70	30	1	0.15	1.01	-29.54	-2.72	284.84 AMPS	282.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.48	1.3	-54.8	14.38	490.15 AMPS	377.75 AMPS	2004Sum_CVEC_afterB1	92
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.46	1.3	-54.81	14.82	489.87 AMPS	377.75 AMPS	2004Sum_CVEC_beforeB1	92
34206	CANAL	70	30	34216	SNTA RTA	70	30	1	0.15	1.31	-31.06	-0.44	369.9 AMPS	282.08 AMPS	2004Sum_CVEC_afterB2_Renum	265
34206	CANAL	70	30	34216	SNTA RTA	70	30	1	0.01	1.3	-31.04	-0.42	366.21 AMPS	282.08 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.47	1.62	-44.4	-4.05	481.32 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	265
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.33	1.6	-44.32	-3.95	476.83 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.53	1.34	62.78	-0.89	508.33 AMPS	379.4 AMPS	2004Sum_CVEC_afterB1	92
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.52	1.34	62.78	-1.33	507.88 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB1	92
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.49	1.62	-55.96	-0.15	453.1 AMPS	280.43 AMPS	2004Sum_CVEC_afterB1	92
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.48	1.61	-55.97	0.31	452.67 AMPS	280.43 AMPS	2004Sum_CVEC_beforeB1	92

34266	FIREBAGH	70	30	34267	TOMATAK	70	30	1	0.47	1	-44.55	-7.24	394.54 AMPS	395.9 AMPS	2004Sum_CVEC_afterB2_Renum	265
34266	FIREBAGH	70	30	34267	TOMATAK	70	30	1	0.34	0.95	-42.24	-8.19	374.84 AMPS	395.9 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34267	TOMATAK	70	30	34268	MENDOTA	70	30	1	0.62	1.16	-51.51	-13	459.62 AMPS	395.9 AMPS	2004Sum_CVEC_afterB2_Renum	265
34267	TOMATAK	70	30	34268	MENDOTA	70	30	1	0.51	1.11	-49.16	-13.88	440.56 AMPS	395.9 AMPS	2004Sum_CVEC_beforeB2_Renum	265
34366	SANGER	115	30	34488	SANGER	70	30	3	0.71	1.13	52.63	21.14	56.72 MVA	50 MVA	2004Sum_CVEC_afterB2_Renum	277
34366	SANGER	115	30	34488	SANGER	70	30	3	0.7	1.12	52.11	20.96	56.16 MVA	50 MVA	2004Sum_CVEC_beforeB2_Renum	277
34380	REEDLEY	115	30	34394	PIEDRA 1	115	30	1	0.41	1.01	-100.76	-10.36	517.88 AMPS	512.08 AMPS	2004Sum_CVEC_afterB1	128
34380	REEDLEY	115	30	34394	PIEDRA 1	115	30	1	0.42	1.01	-99.94	-10.6	514.95 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB1	128
34409	PNDLJ2	115	30	34412	HERNDON	115	30	1	0.6	1.05	159.89	41.36	777.04 AMPS	743.03 AMPS	2004Sum_CVEC_afterB2_Renum	411
34409	PNDLJ2	115	30	34412	HERNDON	115	30	1	0.6	1.05	159.9	41.47	778.81 AMPS	743.03 AMPS	2004Sum_CVEC_beforeB2_Renum	411
34409	PNDLJ2	115	30	34416	BULLARD	115	30	1	0.58	1.01	152.92	31.58	753.01 AMPS	743.03 AMPS	2004Sum_CVEC_afterB2_Renum	411
34409	PNDLJ2	115	30	34416	BULLARD	115	30	1	0.58	1.02	152.92	31.64	754.72 AMPS	743.03 AMPS	2004Sum_CVEC_beforeB2_Renum	411
34411	PNDLJ1	115	30	34412	HERNDON	115	30	1	0.6	1.05	159.89	41.36	777.04 AMPS	743.03 AMPS	2004Sum_CVEC_afterB2_Renum	410
34411	PNDLJ1	115	30	34412	HERNDON	115	30	1	0.6	1.05	159.9	41.47	778.81 AMPS	743.03 AMPS	2004Sum_CVEC_beforeB2_Renum	410
34411	PNDLJ1	115	30	34416	BULLARD	115	30	1	0.58	1.01	152.92	31.58	753.01 AMPS	743.03 AMPS	2004Sum_CVEC_afterB2_Renum	410
34411	PNDLJ1	115	30	34416	BULLARD	115	30	1	0.58	1.02	152.92	31.64	754.72 AMPS	743.03 AMPS	2004Sum_CVEC_beforeB2_Renum	410
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.11	1.01	-28.81	22.59	301.22 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	313
No Violation																
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.11	1.01	-28.81	22.59	301.22 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	382
No Violation																
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.11	1.17	-32.42	26.85	349.04 AMPS	297.75 AMPS	2004Sum_CVEC_afterB1	52
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.09	0.81	-23.11	18.42	240.88 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB1	52
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.01	49.26	-6.31	381.74 AMPS	377.75 AMPS	2004Sum_CVEC_afterB1	2
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.01	49.28	-0.34	380.41 AMPS	377.75 AMPS	2004Sum_CVEC_afterB1	257

No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.01	49.26	-6.31	381.74 AMPS	377.75 AMPS	2004Sum_CVEC_afterB2_Renum	310
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.01	49.26	-6.31	381.74 AMPS	377.75 AMPS	2004Sum_CVEC_afterB2_Renum	379
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.04	50.72	-7.02	393.7 AMPS	377.75 AMPS	2004Sum_CVEC_afterB1	47
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	0.99	41.33	-5.51	320.38 AMPS	324.97 AMPS	2004Sum_CVEC_afterB2_Renum	482
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.04	43.37	-7.15	337.38 AMPS	324.97 AMPS	2004Sum_CVEC_afterB2_Renum	484
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1	48.73	-6.79	378.58 AMPS	377.75 AMPS	2004Sum_CVEC_afterB2_Renum	499
No Violation																
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.2	1.13	-37.83	17.02	337.32 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	313
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.15	0.78	-26.11	11.87	231.16 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	313
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.2	1.13	-37.83	17.02	337.32 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	382
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.15	0.78	-26.11	11.87	231.16 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	382
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.2	1.29	-42.76	19.55	385.39 AMPS	297.75 AMPS	2004Sum_CVEC_afterB1	52
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.15	0.93	-30.76	14.65	276.07 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB1	52
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	49.1	10.47	392.23 AMPS	395.9 AMPS	2004Sum_CVEC_afterB1	128
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	48.66	10.82	390.15 AMPS	395.9 AMPS	2004Sum_CVEC_beforeB1	128
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	1.45	71.08	16.67	575.07 AMPS	395.9 AMPS	2004Sum_CVEC_afterB2_Renum	277
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	1.44	70	17.04	568.32 AMPS	395.9 AMPS	2004Sum_CVEC_beforeB2_Renum	277
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.2	56.77	8.34	477.88 AMPS	398.37 AMPS	2004Sum_CVEC_afterB2_Renum	277
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.18	55.75	8.85	470.92 AMPS	398.37 AMPS	2004Sum_CVEC_beforeB2_Renum	277

34540	HENRITTA	70	30	34542	JCBSCRNR	70	30	1	0.42	1.03	42.88	13.76	355.74 AMPS	346.41 AMPS	2004Sum_CVEC_afterB2_Renum	481
34540	HENRITTA	70	30	34542	JCBSCRNR	70	30	1	0.42	1.03	42.88	13.76	355.64 AMPS	346.41 AMPS	2004Sum_CVEC_beforeB2_Renum	481
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.81	19.89 MVA	14 MVA	2004Sum_CVEC_afterB1	100
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.47	19.57 MVA	14 MVA	2004Sum_CVEC_afterB1	104
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.46	19.56 MVA	14 MVA	2004Sum_CVEC_afterB1	141
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.59	19.68 MVA	14 MVA	2004Sum_CVEC_afterB1	156
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	158
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	163
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.7	19.79 MVA	14 MVA	2004Sum_CVEC_afterB1	164
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	165
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.52 MVA	14 MVA	2004Sum_CVEC_afterB1	171
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.5	19.6 MVA	14 MVA	2004Sum_CVEC_afterB1	174
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.68	19.77 MVA	14 MVA	2004Sum_CVEC_afterB1	180
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.44	19.54 MVA	14 MVA	2004Sum_CVEC_afterB1	186
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.57	19.67 MVA	14 MVA	2004Sum_CVEC_afterB1	188
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.61	19.71 MVA	14 MVA	2004Sum_CVEC_afterB1	191
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.57	19.66 MVA	14 MVA	2004Sum_CVEC_afterB1	192
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.48	19.58 MVA	14 MVA	2004Sum_CVEC_afterB1	193
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.62	19.71 MVA	14 MVA	2004Sum_CVEC_afterB1	20
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.74	19.82 MVA	14 MVA	2004Sum_CVEC_afterB1	211
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	249
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.46	19.56 MVA	14 MVA	2004Sum_CVEC_afterB1	255
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.74	19.83 MVA	14 MVA	2004Sum_CVEC_afterB1	26
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.45	19.55 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	269
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.76	19.84 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	272
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	279
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.46	19.56 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	282

No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.59	19.68 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	287
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB1	29
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.44	19.54 MVA	14 MVA	2004Sum_CVEC_afterB1	3
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	307
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB1	31
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	312
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	313
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.65	19.74 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	314
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.81	19.89 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	323
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.76	19.84 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	325
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.47	19.57 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	329
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	340
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.55	19.65 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	354
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.65	19.73 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	361
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB1	37
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	381
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	382
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.8	19.89 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	383
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.8	19.89 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	384
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	385
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	386
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	387
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	388
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.73	19.81 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	390
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.64	19.73 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	391
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.52 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	401
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	404
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.53 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	417
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.74	19.83 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	421
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	424
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.52	19.61 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	429
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.59	19.68 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	430
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	433
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	435
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	438
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	439
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	442
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	443

No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	444
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.45	19.55 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	457
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	460
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	461
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	462
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.81	19.89 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	463
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.62	19.71 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	464
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.62	19.71 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	465
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.5	19.6 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	466
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.51	19.6 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	467
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.44	19.54 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	468
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	471
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	472
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.41	19.51 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	478
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.45	19.55 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	479
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	484
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.57	19.66 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	487
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.57	19.66 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	488
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.57	19.66 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	489
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	490
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	491
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	493
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	494
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	495
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.5	19.6 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	498
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.65	19.74 MVA	14 MVA	2004Sum_CVEC_afterB1	5
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.53	19.63 MVA	14 MVA	2004Sum_CVEC_afterB2_Renum	505
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.8	19.89 MVA	14 MVA	2004Sum_CVEC_afterB1	53
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.8	19.89 MVA	14 MVA	2004Sum_CVEC_afterB1	54
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	58
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.73	19.81 MVA	14 MVA	2004Sum_CVEC_afterB1	61
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.64	19.73 MVA	14 MVA	2004Sum_CVEC_afterB1	62
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.74	19.82 MVA	14 MVA	2004Sum_CVEC_afterB1	67
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterB1	7
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterB1	70
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.47	19.57 MVA	14 MVA	2004Sum_CVEC_afterB1	74
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.66	19.75 MVA	14 MVA	2004Sum_CVEC_afterB1	78
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.52 MVA	14 MVA	2004Sum_CVEC_afterB1	9

No Violation																
34732	COLUMBUS	115	30	34734	BEAR TAP	115	30	1	0.73	1.32	-129.24	-40.34	675.23 AMPS	512.08 AMPS	2004Sum_CVEC_afterB1	178
34732	COLUMBUS	115	30	34734	BEAR TAP	115	30	1	0.73	1.32	-129.24	-40.33	674.64 AMPS	512.08 AMPS	2004Sum_CVEC_beforeB1	178
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.43	16.49	427.05 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	2
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-86.88	16.4	424.31 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	202
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.2	-92.28	16.77	450.3 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	247
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.09	-82.74	18.17	409.3 AMPS	376.53 AMPS	2004Sum_CVEC_afterB1	258
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.47	-111.96	24.69	554.46 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	258
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-86.86	16.45	424.33 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	26
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.29	16.49	426.45 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	309
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.43	16.49	427.05 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	310
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.43	16.49	427.05 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	379
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.1	-85.17	14.78	415.19 AMPS	376.53 AMPS	2004Sum_CVEC_afterB2_Renum	388
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.58	-121.72	22.45	595.62 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	388
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.22	-94.3	17.78	460.88 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	392
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-86.86	16.45	424.33 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	421

No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.28	16.48	426.39 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	44
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.03	-69.01	12.21	336.18 AMPS	326.33 AMPS	2004Sum_CVEC_afterB2_Renum	460
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.49	-99.32	20	486.37 AMPS	326.33 AMPS	2004Sum_CVEC_beforeB2_Renum	460
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.03	-69.01	12.21	336.18 AMPS	326.33 AMPS	2004Sum_CVEC_afterB2_Renum	461
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.49	-99.32	20	486.37 AMPS	326.33 AMPS	2004Sum_CVEC_beforeB2_Renum	461
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.03	-69.01	12.21	336.18 AMPS	326.33 AMPS	2004Sum_CVEC_afterB2_Renum	462
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.49	-99.32	20	486.37 AMPS	326.33 AMPS	2004Sum_CVEC_beforeB2_Renum	462
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.15	-88.83	16.59	433.86 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	47
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.24	16.53	426.24 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	48
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.24	16.53	426.24 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	49
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.37	-105.46	17.7	514.47 AMPS	376.53 AMPS	2004Sum_CVEC_afterB2_Renum	490
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.86	-142.95	22.29	698.83 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	490
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.23	-95.05	15.97	463.32 AMPS	376.53 AMPS	2004Sum_CVEC_afterB2_Renum	495
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.71	-132.05	22.42	645.64 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	495
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-86.88	16.43	424.62 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	508
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.13	-87.06	16.46	425.65 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB2_Renum	510
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.22	-94.3	17.78	460.88 AMPS	376.53 AMPS	2004Sum_CVEC_beforeB1	64
34752	KERN PWR	115	30	34768	KERN 1 M	115	30	1	0.67	0.99	71.44	18.99	73.92 MVA	75 MVA	2004Sum_CVEC_afterB2_Renum	286
34752	KERN PWR	115	30	34768	KERN 1 M	115	30	1	0.68	0.99	72.02	18.63	74.39 MVA	75 MVA	2004Sum_CVEC_beforeB2_Renum	286

34768	KERN 1 M	115	30	34914	KERN PW1	70	30	1	0.69	1.01	71.35	18.38	73.68 MVA	72.7 MVA	2004Sum_CVEC_afterB2_Renum	286
34768	KERN 1 M	115	30	34914	KERN PW1	70	30	1	0.7	1.02	71.93	18.02	74.15 MVA	72.7 MVA	2004Sum_CVEC_beforeB2_Renum	286
34776	TAFT	115	30	34860	TAFT A	70	30	2	0.92	1.05	75.46	21.42	78.44 MVA	74.5 MVA	2004Sum_CVEC_afterB2_Renum	285
34776	TAFT	115	30	34860	TAFT A	70	30	2	0.93	1.06	76.3	21.39	79.24 MVA	74.5 MVA	2004Sum_CVEC_beforeB2_Renum	285
34860	TAFT A	70	30	34861	TAFT A_J	70	30	1	0.68	1.04	47.52	17.83	396.28 AMPS	379.4 AMPS	2004Sum_CVEC_afterB2_Renum	285
34860	TAFT A	70	30	34861	TAFT A_J	70	30	1	0.67	1.04	46.86	18.37	392.7 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB2_Renum	285
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.85	1.25	57.4	17.32	473.63 AMPS	379.4 AMPS	2004Sum_CVEC_afterB2_Renum	285
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.83	1.24	56.75	17.51	468.83 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB2_Renum	285
34862	MARICOPA	70	30	34864	GARDNER	70	30	1	0.55	1.11	40.09	8.24	330.38 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	285
34862	MARICOPA	70	30	34864	GARDNER	70	30	1	0.52	1.09	39.45	8.47	325.48 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	285
34864	GARDNER	70	30	34866	BSCL_PLD	70	30	1	0.53	1.1	39.69	7.93	326.84 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	285
34864	GARDNER	70	30	34866	BSCL_PLD	70	30	1	0.5	1.08	39.05	8.16	321.94 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	285
34866	BSCL_PLD	70	30	34868	COPUS	70	30	1	0.49	1.06	36.88	5.63	314.64 AMPS	297.75 AMPS	2004Sum_CVEC_afterB2_Renum	285
34866	BSCL_PLD	70	30	34868	COPUS	70	30	1	0.46	1.04	36.28	5.92	309.75 AMPS	297.75 AMPS	2004Sum_CVEC_beforeB2_Renum	285
34886	MAGNDN J	70	30	34892	LIGHTNER	70	30	1	0.94	1.03	47.22	4.19	392.64 AMPS	379.4 AMPS	2004Sum_CVEC_afterB1	242
34886	MAGNDN J	70	30	34892	LIGHTNER	70	30	1	0.94	1.03	47.06	3.89	390.97 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB1	242
34886	MAGNDN J	70	30	34892	LIGHTNER	70	30	1	0.94	1	45.57	3.7	378.53 AMPS	379.4 AMPS	2004Sum_CVEC_afterB1	244
34886	MAGNDN J	70	30	34892	LIGHTNER	70	30	1	0.94	0.99	45.41	3.4	376.9 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB1	244
34890	WEEDPTCH	70	30	34892	LIGHTNER	70	30	1	0.94	1.04	-45.49	-1.03	392.77 AMPS	379.4 AMPS	2004Sum_CVEC_afterB1	242
34890	WEEDPTCH	70	30	34892	LIGHTNER	70	30	1	0.94	1.03	-45.34	-0.76	391.09 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB1	242
34890	WEEDPTCH	70	30	34892	LIGHTNER	70	30	1	0.94	1	-43.97	-0.78	378.64 AMPS	379.4 AMPS	2004Sum_CVEC_afterB1	244
34890	WEEDPTCH	70	30	34892	LIGHTNER	70	30	1	0.94	0.99	-43.82	-0.51	377 AMPS	379.4 AMPS	2004Sum_CVEC_beforeB1	244
34908	CARNATIO	70	30	34918	KERN PW2	70	30	1	0.4	1.03	-49.83	-17.29	450.57 AMPS	437.14 AMPS	2004Sum_CVEC_afterB2_Renum	285
34908	CARNATIO	70	30	34918	KERN PW2	70	30	1	0.4	1.04	-50.37	-16.94	453.46 AMPS	437.14 AMPS	2004Sum_CVEC_beforeB2_Renum	285
35616	SJ B E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.63	-0.27	874.51 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	119

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.53	4.92	776.03 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	119
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.08	-0.07	871.47 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	120
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.94	5.11	772.99 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	120
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.16	-0.11	871.92 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	148
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.03	5.07	773.43 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	148
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.97	-0.01	870.83 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	156
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.13	-0.1	871.77 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	169
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.95	5.06	773.11 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	169
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	177.82	-0.63	881.02 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	17
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.78	-1.08	780.28 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	17
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.22	-0.09	872.21 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	182
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.04	5.06	773.55 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	182
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.99	-0.02	870.97 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	224
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.82	5.14	772.39 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	224
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.13	872.15 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	24
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.08	5.04	773.7 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	24
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.23	872.33 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	240
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.86	0.01	870.32 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	242
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.18	-0.14	872.05 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	244
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.99	5.03	773.3 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	244
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.38	-0.21	872.97 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	273
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.28	4.99	774.74 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	273

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.79	-0.27	875.21 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	279
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.65	4.92	776.58 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	279
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.9	-0.06	870.29 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	300
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.89	-0.07	870.29 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	301
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.74	5.15	772 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	301
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.01	-0.05	871.09 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	317
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.85	5.1	772.57 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	317
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.56	-0.2	874.08 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	35
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.38	4.92	775.31 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	35
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.42	-0.15	873.26 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	352
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.27	5.05	774.65 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	352
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.44	-0.16	873.43 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	36
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.26	4.94	774.68 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	36
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.12	872.17 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	389
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.04	5	773.59 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	389
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.01	-0.05	871.09 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	393
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.85	5.1	772.57 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	393
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.61	-0.29	874.21 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	398
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.52	4.91	776.01 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	398
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.05	-0.13	871.17 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	399
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.94	5.11	772.99 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	399
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.11	179.2	-1.66	887.67 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	41
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.3	-1.19	777.75 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	41
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.16	-0.11	871.92 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	423
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.03	5.07	773.43 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	423

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.97	-0.01	870.83 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	430
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.19	-0.1	872.1 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	456
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.08	5.08	773.73 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	456
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.67	-0.51	874.6 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	50
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.01	5.03	773.4 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	50
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	175.43	-0.99	872.25 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	508
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.26	4.14	772.37 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB2_Renum	508
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.85	-0.1	870.48 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	51
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.07	-0.52	872.43 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	513
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.52	-0.76	875.11 AMPS	803.27 AMPS	2004Sum_CVEC_afterB2_Renum	515
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.56	-0.56	874.44 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	52
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.09	4.94	773.91 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	52
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.99	-0.03	871 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	57
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.84	5.15	772.51 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	57
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.12	872.17 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	60
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.04	5	773.59 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	60
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.01	-0.05	871.09 AMPS	803.27 AMPS	2004Sum_CVEC_afterB1	90
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.85	5.1	772.57 AMPS	803.27 AMPS	2004Sum_CVEC_beforeB1	90
No Violation																	
36962	MOCCASIN		115	30	36990	MCSN CK1	11	30	1	0.99	0.99	49	8.09	49.66 MVA	50 MVA	2004Sum_CVEC_beforeB2_Renum	510
36962	MOCCASIN		115	30	36990	MCSN CK1	11	30	1	0.99	1	49	9.2	49.86 MVA	50 MVA	2004Sum_CVEC_afterB2_Renum	516

No Violation																
No Violation																
36962	MOCCASIN	115	30	36992	MCSN CK2	11	30	1	0.99	0.99	49	8.09	49.66 MVA	50 MVA	2004Sum_CVEC_beforeB2_Renum	510
36962	MOCCASIN	115	30	36992	MCSN CK2	11	30	1	0.99	1	49	9.2	49.86 MVA	50 MVA	2004Sum_CVEC_afterB2_Renum	516
No Violation																
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	38.58	129.86 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum	506
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	37.38	129.51 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum	506
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	38.6	129.87 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum	507
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	37.4	129.52 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum	507
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	41	130.6 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum	508
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	39.53	130.15 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum	508
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	38.84	129.94 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum	509
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	37.6	129.58 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum	509
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	41.12	130.64 MVA	130 MVA	2004Sum_CVEC_afterB2_Renum	510
37590	TRINTY12	14	30	37640	TRINITY	230	30	1	0.99	1	124	40.71	130.51 MVA	130 MVA	2004Sum_CVEC_beforeB2_Renum	510

APPENDIX C1 – SUMMER PEAK OPERATING CONDITIONS
STEADY STATE POWER FLOW RESULTS
AUTOCON BRANCH COMPARISON FILES FOR ISO CATEGORY C

Hyperlink to: Normal B_cases C_cases

C_cases

From Bus	Name	kV	Ar	To Bus	Name	kV	Ar	ID	Rate1 Base	Rate2 Out	MW	MVAR	Flow	Rating	File	Out#
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.24	1.27	1172.08	197.18	1188.55 MVA	933 MVA	2004Sum_CVEC_afterC	109
No Violation																
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.24	1.42	1310.92	212.53	1328.04 MVA	933 MVA	2004Sum_CVEC_afterC	21
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.28	1.56	1443.51	219.12	1460.04 MVA	933 MVA	2004Sum_CVEC_beforeC	21
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	1	0.89	1.02	149.36	30.53	152.45 MVA	150 MVA	2004Sum_CVEC_afterC	65
No Violation																
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	2	0.89	1.02	74.69	15.27	76.24 MVA	75 MVA	2004Sum_CVEC_afterC	65
No Violation																
30515	WARNERVL	230	30	36964	WRNRVLLE	115	30	3	0.89	1.02	74.69	15.27	76.24 MVA	75 MVA	2004Sum_CVEC_afterC	65
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.44	109.95	158.7 MVA	146.2 MVA	2004Sum_CVEC_afterC	10
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.79	110.54	159.36 MVA	146.2 MVA	2004Sum_CVEC_beforeC	10
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	120.13	108.96	162.18 MVA	146.2 MVA	2004Sum_CVEC_afterC	105
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	125.51	110.29	167.08 MVA	146.2 MVA	2004Sum_CVEC_afterC	109
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	122.39	111.71	165.71 MVA	146.2 MVA	2004Sum_CVEC_beforeC	109
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	125.2	108.6	165.74 MVA	146.2 MVA	2004Sum_CVEC_afterC	12
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.15	129.91	107.09	168.36 MVA	146.2 MVA	2004Sum_CVEC_beforeC	12
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	117.16	112.05	162.11 MVA	146.2 MVA	2004Sum_CVEC_afterC	122
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.46	109.78	160.78 MVA	146.2 MVA	2004Sum_CVEC_beforeC	122
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	117.22	112.95	162.78 MVA	146.2 MVA	2004Sum_CVEC_afterC	123
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	117.47	111.13	161.71 MVA	146.2 MVA	2004Sum_CVEC_beforeC	123
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.21	126.63	122.7	176.32 MVA	146.2 MVA	2004Sum_CVEC_afterC	124
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.2	127.22	119.87	174.8 MVA	146.2 MVA	2004Sum_CVEC_beforeC	124

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	115.08	108.86	158.41 MVA	146.2 MVA	2004Sum_CVEC_afterC	13
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.24	146.11	108.02	181.7 MVA	146.2 MVA	2004Sum_CVEC_beforeC	13
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.36	145.05	136.8	199.38 MVA	146.2 MVA	2004Sum_CVEC_afterC	133
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.39	151.66	134.22	202.52 MVA	146.2 MVA	2004Sum_CVEC_beforeC	133
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	122.22	113.37	166.71 MVA	146.2 MVA	2004Sum_CVEC_beforeC	14
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.15	125.4	111.51	167.81 MVA	146.2 MVA	2004Sum_CVEC_afterC	141
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	123.81	109.77	165.47 MVA	146.2 MVA	2004Sum_CVEC_beforeC	141
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.15	126.07	110.99	167.96 MVA	146.2 MVA	2004Sum_CVEC_afterC	142
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.13	124.41	108.68	165.19 MVA	146.2 MVA	2004Sum_CVEC_beforeC	142
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	123.83	108.82	164.85 MVA	146.2 MVA	2004Sum_CVEC_afterC	145
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	122.06	106.79	162.19 MVA	146.2 MVA	2004Sum_CVEC_beforeC	145
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	119.51	115.1	165.92 MVA	146.2 MVA	2004Sum_CVEC_afterC	147
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	123.65	115.76	169.38 MVA	146.2 MVA	2004Sum_CVEC_beforeC	147
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	117.21	112.35	162.36 MVA	146.2 MVA	2004Sum_CVEC_beforeC	15
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.26	149.84	107.67	184.51 MVA	146.2 MVA	2004Sum_CVEC_afterC	16
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.24	145.32	108.03	181.08 MVA	146.2 MVA	2004Sum_CVEC_beforeC	16
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.22	139.7	110.12	177.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	166
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	126.42	112.95	169.53 MVA	146.2 MVA	2004Sum_CVEC_beforeC	166
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	121.52	113.44	166.24 MVA	146.2 MVA	2004Sum_CVEC_beforeC	17
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	115.78	114.51	162.84 MVA	146.2 MVA	2004Sum_CVEC_afterC	178
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.15	122.3	114.8	167.74 MVA	146.2 MVA	2004Sum_CVEC_beforeC	178
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	120.78	108.96	162.67 MVA	146.2 MVA	2004Sum_CVEC_afterC	179
No Violation																

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.18	136.2	106.5	172.89 MVA	146.2 MVA	2004Sum_CVEC_afterC	18
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	116.66	112.42	162.01 MVA	146.2 MVA	2004Sum_CVEC_beforeC	18
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.29	111.98	161.44 MVA	146.2 MVA	2004Sum_CVEC_beforeC	180
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.33	108.97	161.6 MVA	146.2 MVA	2004Sum_CVEC_afterC	19
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.73	110.38	160.65 MVA	146.2 MVA	2004Sum_CVEC_beforeC	19
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.24	144.26	108.76	180.66 MVA	146.2 MVA	2004Sum_CVEC_afterC	21
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.19	140.63	102	173.72 MVA	146.2 MVA	2004Sum_CVEC_beforeC	21
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	120.69	110.5	163.63 MVA	146.2 MVA	2004Sum_CVEC_afterC	22
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	117.28	109.67	160.56 MVA	146.2 MVA	2004Sum_CVEC_afterC	23
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.23	144.7	107.2	180.08 MVA	146.2 MVA	2004Sum_CVEC_afterC	24
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.19	136.91	106.43	173.41 MVA	146.2 MVA	2004Sum_CVEC_beforeC	24
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	124.49	108.69	165.26 MVA	146.2 MVA	2004Sum_CVEC_afterC	25
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	126.31	108	166.19 MVA	146.2 MVA	2004Sum_CVEC_beforeC	25
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.67	109.61	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterC	26
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.18	110.23	159.43 MVA	146.2 MVA	2004Sum_CVEC_beforeC	26
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	118.37	109.57	161.3 MVA	146.2 MVA	2004Sum_CVEC_afterC	27
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	119.84	107.94	161.28 MVA	146.2 MVA	2004Sum_CVEC_beforeC	27
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.43	169.33	123.39	209.52 MVA	146.2 MVA	2004Sum_CVEC_afterC	28
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.36	160.26	118	199.02 MVA	146.2 MVA	2004Sum_CVEC_beforeC	28
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.26	143.84	115.62	184.55 MVA	146.2 MVA	2004Sum_CVEC_afterC	29
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.28	149.71	112.72	187.4 MVA	146.2 MVA	2004Sum_CVEC_beforeC	29
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.2	134.65	112.23	175.29 MVA	146.2 MVA	2004Sum_CVEC_afterC	30
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.22	140.64	108.8	177.81 MVA	146.2 MVA	2004Sum_CVEC_beforeC	30

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.32	155.33	114.19	192.79 MVA	146.2 MVA	2004Sum_CVEC_afterC	31
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.25	146.07	110	182.86 MVA	146.2 MVA	2004Sum_CVEC_beforeC	31
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	122.91	110.12	165.03 MVA	146.2 MVA	2004Sum_CVEC_afterC	32
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	125.01	110.43	166.8 MVA	146.2 MVA	2004Sum_CVEC_beforeC	32
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.38	160.72	120.77	201.04 MVA	146.2 MVA	2004Sum_CVEC_afterC	33
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.31	151.82	115.96	191.04 MVA	146.2 MVA	2004Sum_CVEC_beforeC	33
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	125.17	110.28	166.82 MVA	146.2 MVA	2004Sum_CVEC_afterC	34
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	126.65	107.25	165.96 MVA	146.2 MVA	2004Sum_CVEC_beforeC	34
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.21	138.39	110.82	177.29 MVA	146.2 MVA	2004Sum_CVEC_afterC	35
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.19	136.63	108.32	174.36 MVA	146.2 MVA	2004Sum_CVEC_beforeC	35
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.19	132.09	112.41	173.45 MVA	146.2 MVA	2004Sum_CVEC_afterC	36
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.17	130.43	110.45	170.91 MVA	146.2 MVA	2004Sum_CVEC_beforeC	36
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.16	125.86	113.33	169.37 MVA	146.2 MVA	2004Sum_CVEC_afterC	37
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.15	126.1	110.9	167.93 MVA	146.2 MVA	2004Sum_CVEC_beforeC	37
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	123.92	110.66	166.13 MVA	146.2 MVA	2004Sum_CVEC_afterC	38
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	124.54	110.87	166.75 MVA	146.2 MVA	2004Sum_CVEC_beforeC	38
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	124.98	111.23	167.31 MVA	146.2 MVA	2004Sum_CVEC_afterC	39
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.15	125.62	111.43	167.92 MVA	146.2 MVA	2004Sum_CVEC_beforeC	39
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.14	121	114.9	166.86 MVA	146.2 MVA	2004Sum_CVEC_afterC	40
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.14	121.95	112.64	166.01 MVA	146.2 MVA	2004Sum_CVEC_beforeC	40
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	114.02	113.51	160.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	41
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.13	119.85	113.9	165.34 MVA	146.2 MVA	2004Sum_CVEC_afterC	42
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	120.03	111.15	163.59 MVA	146.2 MVA	2004Sum_CVEC_beforeC	42
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	115.21	111.83	160.56 MVA	146.2 MVA	2004Sum_CVEC_afterC	46
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	115.98	112.26	161.41 MVA	146.2 MVA	2004Sum_CVEC_beforeC	46

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	117.1	113.96	163.4 MVA	146.2 MVA	2004Sum_CVEC_afterC	47
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.12	118.48	113.26	163.91 MVA	146.2 MVA	2004Sum_CVEC_beforeC	47
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.18	130.29	112.1	171.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	48
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	130.33	109.02	169.91 MVA	146.2 MVA	2004Sum_CVEC_beforeC	48
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	121.9	107.18	162.32 MVA	146.2 MVA	2004Sum_CVEC_afterC	49
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	120.9	107.91	162.06 MVA	146.2 MVA	2004Sum_CVEC_beforeC	49
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.17	129.06	112.42	171.16 MVA	146.2 MVA	2004Sum_CVEC_afterC	50
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	129.16	109.99	169.64 MVA	146.2 MVA	2004Sum_CVEC_beforeC	50
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.17	129.08	113.25	171.72 MVA	146.2 MVA	2004Sum_CVEC_afterC	51
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	129.17	110.58	170.04 MVA	146.2 MVA	2004Sum_CVEC_beforeC	51
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.15	125.28	111.55	167.75 MVA	146.2 MVA	2004Sum_CVEC_afterC	52
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	128.58	109.58	168.94 MVA	146.2 MVA	2004Sum_CVEC_beforeC	52
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	119.59	107.25	160.64 MVA	146.2 MVA	2004Sum_CVEC_afterC	59
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.94	107.57	163.36 MVA	146.2 MVA	2004Sum_CVEC_afterC	60
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.29	150.62	114.42	189.15 MVA	146.2 MVA	2004Sum_CVEC_afterC	62
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.22	140.72	110.66	179.02 MVA	146.2 MVA	2004Sum_CVEC_beforeC	62
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.31	152.33	115.18	190.98 MVA	146.2 MVA	2004Sum_CVEC_afterC	63
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.24	143.19	111.75	181.64 MVA	146.2 MVA	2004Sum_CVEC_beforeC	63
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	116.33	109.16	159.52 MVA	146.2 MVA	2004Sum_CVEC_beforeC	64
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.24	109.04	160.11 MVA	146.2 MVA	2004Sum_CVEC_beforeC	65
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.58	166.03	159.79	230.43 MVA	146.2 MVA	2004Sum_CVEC_afterC	67
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.56	166.71	155.49	227.97 MVA	146.2 MVA	2004Sum_CVEC_beforeC	67

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	119.59	107.24	160.63 MVA	146.2 MVA	2004Sum_CVEC_afterC	68
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	149.2	66.81	163.48 MVA	146.2 MVA	2004Sum_CVEC_afterC	69
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	144.68	67.17	159.51 MVA	146.2 MVA	2004Sum_CVEC_beforeC	69
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.1	118.79	109.09	161.29 MVA	146.2 MVA	2004Sum_CVEC_afterC	71
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.11	119.15	109.67	161.94 MVA	146.2 MVA	2004Sum_CVEC_afterC	72
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	121.31	105.73	160.92 MVA	146.2 MVA	2004Sum_CVEC_beforeC	72
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.12	122.39	109.02	163.9 MVA	146.2 MVA	2004Sum_CVEC_afterC	73
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.11	118.51	110.08	161.75 MVA	146.2 MVA	2004Sum_CVEC_beforeC	73
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.15	121.23	116.85	168.38 MVA	146.2 MVA	2004Sum_CVEC_afterC	74
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.16	122.91	117.26	169.88 MVA	146.2 MVA	2004Sum_CVEC_beforeC	74
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.54	110.67	159.27 MVA	146.2 MVA	2004Sum_CVEC_afterC	76
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	117.12	110.71	161.16 MVA	146.2 MVA	2004Sum_CVEC_beforeC	76
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	115.03	109.8	159.02 MVA	146.2 MVA	2004Sum_CVEC_afterC	79
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.73	110.22	159.82 MVA	146.2 MVA	2004Sum_CVEC_beforeC	79
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.99	109.99	159.12 MVA	146.2 MVA	2004Sum_CVEC_afterC	80
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.78	110.26	159.88 MVA	146.2 MVA	2004Sum_CVEC_beforeC	80
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	113.94	110.08	158.43 MVA	146.2 MVA	2004Sum_CVEC_afterC	81
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.08	113.89	110.15	158.45 MVA	146.2 MVA	2004Sum_CVEC_afterC	83
No Violation																
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.09	110.31	158.69 MVA	146.2 MVA	2004Sum_CVEC_afterC	89
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.94	110.42	159.39 MVA	146.2 MVA	2004Sum_CVEC_beforeC	89
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.94	109.91	159.03 MVA	146.2 MVA	2004Sum_CVEC_afterC	96
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	115.09	110.66	159.66 MVA	146.2 MVA	2004Sum_CVEC_beforeC	96

30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	116.3	109.71	159.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	97
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.1	116.27	110.35	160.3 MVA	146.2 MVA	2004Sum_CVEC_beforeC	97
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.29	1.09	114.34	109.96	158.63 MVA	146.2 MVA	2004Sum_CVEC_afterC	98
30790	PANOCHE	230	30	30792	PNCHE 2M	230	30	2	1.3	1.09	114.82	110.52	159.36 MVA	146.2 MVA	2004Sum_CVEC_beforeC	98
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.08	-369.65	54.78	921.38 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	105
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	0.99	-339.15	55.79	844.21 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	13
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.68	-566.01	115.01	1431.56 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	15
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.46	-494.06	83.32	1241.27 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	18
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.02	-348.13	53.61	867.87 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	19
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.02	-347.43	51.46	865.89 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	23
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	1.28	-433.92	51.08	1091.26 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	69
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	0.99	-337.51	50.64	840.75 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	71
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.01	0.99	-339.17	53.14	845.46 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	73
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	0.86	1.51	-580.06	102.29	1458.7 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	17
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	0.86	1.17	-455.58	52.96	1136.26 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	18
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	2	0.86	1.06	-412.62	61.98	1029.58 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	70
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.97	-100.91	152.22 MVA	146.2 MVA	2004Sum_CVEC_afterC	10
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.32	-101.43	152.83 MVA	146.2 MVA	2004Sum_CVEC_beforeC	10
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-119.65	-99.5	155.61 MVA	146.2 MVA	2004Sum_CVEC_afterC	105
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-125.01	-100.36	160.31 MVA	146.2 MVA	2004Sum_CVEC_afterC	109
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-121.89	-101.9	158.87 MVA	146.2 MVA	2004Sum_CVEC_beforeC	109
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-124.7	-98.85	159.13 MVA	146.2 MVA	2004Sum_CVEC_afterC	12
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-129.4	-96.93	161.68 MVA	146.2 MVA	2004Sum_CVEC_beforeC	12
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-116.68	-102.62	155.38 MVA	146.2 MVA	2004Sum_CVEC_afterC	122
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.99	-100.51	154.24 MVA	146.2 MVA	2004Sum_CVEC_beforeC	122
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-116.74	-103.44	155.97 MVA	146.2 MVA	2004Sum_CVEC_afterC	123
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-116.99	-101.76	155.05 MVA	146.2 MVA	2004Sum_CVEC_beforeC	123
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.15	-126.08	-111.52	168.32 MVA	146.2 MVA	2004Sum_CVEC_afterC	124
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.14	-126.68	-108.88	167.04 MVA	146.2 MVA	2004Sum_CVEC_beforeC	124
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.61	-99.89	152.04 MVA	146.2 MVA	2004Sum_CVEC_afterC	13
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.19	-145.53	-96.25	174.49 MVA	146.2 MVA	2004Sum_CVEC_beforeC	13
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.3	-144.39	-122.56	189.39 MVA	146.2 MVA	2004Sum_CVEC_afterC	133
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.32	-150.98	-119.51	192.56 MVA	146.2 MVA	2004Sum_CVEC_beforeC	133
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-121.72	-103.48	159.77 MVA	146.2 MVA	2004Sum_CVEC_beforeC	14
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-124.9	-101.41	160.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	141
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-123.32	-99.97	158.75 MVA	146.2 MVA	2004Sum_CVEC_beforeC	141
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-125.56	-100.89	161.07 MVA	146.2 MVA	2004Sum_CVEC_afterC	142
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.08	-123.91	-98.89	158.54 MVA	146.2 MVA	2004Sum_CVEC_beforeC	142

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-123.34	-99.08	158.2 MVA	146.2 MVA	2004Sum_CVEC_afterC	145
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-121.58	-97.36	155.76 MVA	146.2 MVA	2004Sum_CVEC_beforeC	145
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-119.01	-105.25	158.87 MVA	146.2 MVA	2004Sum_CVEC_afterC	147
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-123.13	-105.49	162.14 MVA	146.2 MVA	2004Sum_CVEC_beforeC	147
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-116.73	-102.96	155.65 MVA	146.2 MVA	2004Sum_CVEC_beforeC	15
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.21	-149.25	-95.55	177.22 MVA	146.2 MVA	2004Sum_CVEC_afterC	16
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.19	-144.76	-96.34	173.89 MVA	146.2 MVA	2004Sum_CVEC_beforeC	16
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.17	-139.14	-98.79	170.65 MVA	146.2 MVA	2004Sum_CVEC_afterC	166
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-125.91	-102.64	162.45 MVA	146.2 MVA	2004Sum_CVEC_beforeC	166
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-121.02	-103.6	159.31 MVA	146.2 MVA	2004Sum_CVEC_beforeC	17
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-115.29	-105.02	155.95 MVA	146.2 MVA	2004Sum_CVEC_afterC	178
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.1	-121.79	-104.72	160.62 MVA	146.2 MVA	2004Sum_CVEC_beforeC	178
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-120.3	-99.47	156.1 MVA	146.2 MVA	2004Sum_CVEC_afterC	179
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.14	-135.67	-95.68	166.01 MVA	146.2 MVA	2004Sum_CVEC_afterC	18
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-116.18	-103.07	155.31 MVA	146.2 MVA	2004Sum_CVEC_beforeC	18
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.81	-102.63	154.74 MVA	146.2 MVA	2004Sum_CVEC_beforeC	180
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.85	-99.59	155.06 MVA	146.2 MVA	2004Sum_CVEC_afterC	19
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.25	-101.15	154.09 MVA	146.2 MVA	2004Sum_CVEC_beforeC	19
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.19	-143.7	-97.19	173.48 MVA	146.2 MVA	2004Sum_CVEC_afterC	21
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.14	-140.08	-90.98	167.04 MVA	146.2 MVA	2004Sum_CVEC_beforeC	21
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-120.2	-100.96	156.98 MVA	146.2 MVA	2004Sum_CVEC_afterC	22
No Violation																

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-116.8	-100.4	154.02 MVA	146.2 MVA	2004Sum_CVEC_afterC	23
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.18	-144.13	-95.67	172.99 MVA	146.2 MVA	2004Sum_CVEC_afterC	24
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.14	-136.38	-95.65	166.58 MVA	146.2 MVA	2004Sum_CVEC_beforeC	24
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-124	-98.99	158.67 MVA	146.2 MVA	2004Sum_CVEC_afterC	25
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-125.81	-98.12	159.55 MVA	146.2 MVA	2004Sum_CVEC_beforeC	25
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.21	-100.6	152.2 MVA	146.2 MVA	2004Sum_CVEC_afterC	26
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.71	-101.13	152.93 MVA	146.2 MVA	2004Sum_CVEC_beforeC	26
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-117.89	-100.28	154.77 MVA	146.2 MVA	2004Sum_CVEC_afterC	27
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-119.36	-98.52	154.77 MVA	146.2 MVA	2004Sum_CVEC_beforeC	27
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.37	-168.61	-107.79	200.12 MVA	146.2 MVA	2004Sum_CVEC_afterC	28
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.3	-159.6	-103.87	190.42 MVA	146.2 MVA	2004Sum_CVEC_beforeC	28
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.21	-143.25	-103.53	176.75 MVA	146.2 MVA	2004Sum_CVEC_afterC	29
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.23	-149.11	-100.13	179.61 MVA	146.2 MVA	2004Sum_CVEC_beforeC	29
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.15	-134.11	-101.32	168.08 MVA	146.2 MVA	2004Sum_CVEC_afterC	30
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.17	-140.08	-97.45	170.64 MVA	146.2 MVA	2004Sum_CVEC_beforeC	30
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.26	-154.71	-101	184.76 MVA	146.2 MVA	2004Sum_CVEC_afterC	31
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.2	-145.49	-98.06	175.45 MVA	146.2 MVA	2004Sum_CVEC_beforeC	31
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-122.42	-100.43	158.34 MVA	146.2 MVA	2004Sum_CVEC_afterC	32
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-124.51	-100.51	160.01 MVA	146.2 MVA	2004Sum_CVEC_beforeC	32
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.31	-160.05	-106.41	192.19 MVA	146.2 MVA	2004Sum_CVEC_afterC	33
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.25	-151.2	-102.94	182.92 MVA	146.2 MVA	2004Sum_CVEC_beforeC	33
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-124.67	-100.37	160.05 MVA	146.2 MVA	2004Sum_CVEC_afterC	34
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-126.14	-97.42	159.38 MVA	146.2 MVA	2004Sum_CVEC_beforeC	34
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.16	-137.84	-99.59	170.05 MVA	146.2 MVA	2004Sum_CVEC_afterC	35
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.14	-136.09	-97.44	167.38 MVA	146.2 MVA	2004Sum_CVEC_beforeC	35

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.14	-131.56	-101.64	166.25 MVA	146.2 MVA	2004Sum_CVEC_afterC	36
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-129.9	-100	163.94 MVA	146.2 MVA	2004Sum_CVEC_beforeC	36
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.11	-125.35	-103.06	162.28 MVA	146.2 MVA	2004Sum_CVEC_afterC	37
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.1	-125.59	-100.79	161.03 MVA	146.2 MVA	2004Sum_CVEC_beforeC	37
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-123.42	-100.78	159.33 MVA	146.2 MVA	2004Sum_CVEC_afterC	38
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-124.04	-100.9	159.9 MVA	146.2 MVA	2004Sum_CVEC_beforeC	38
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-124.47	-101.21	160.43 MVA	146.2 MVA	2004Sum_CVEC_afterC	39
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.1	-125.11	-101.31	160.99 MVA	146.2 MVA	2004Sum_CVEC_beforeC	39
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-120.49	-104.93	159.78 MVA	146.2 MVA	2004Sum_CVEC_afterC	40
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.09	-121.45	-102.76	159.09 MVA	146.2 MVA	2004Sum_CVEC_beforeC	40
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-113.54	-104.23	154.12 MVA	146.2 MVA	2004Sum_CVEC_afterC	41
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-119.36	-104.1	158.37 MVA	146.2 MVA	2004Sum_CVEC_afterC	42
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-119.55	-101.54	156.85 MVA	146.2 MVA	2004Sum_CVEC_beforeC	42
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-114.73	-102.58	153.9 MVA	146.2 MVA	2004Sum_CVEC_afterC	46
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-115.5	-102.9	154.69 MVA	146.2 MVA	2004Sum_CVEC_beforeC	46
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-116.62	-104.39	156.51 MVA	146.2 MVA	2004Sum_CVEC_afterC	47
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.07	-117.99	-103.59	157.01 MVA	146.2 MVA	2004Sum_CVEC_beforeC	47
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.13	-129.77	-101.53	164.77 MVA	146.2 MVA	2004Sum_CVEC_afterC	48
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-129.81	-98.65	163.04 MVA	146.2 MVA	2004Sum_CVEC_beforeC	48
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-121.42	-97.76	155.88 MVA	146.2 MVA	2004Sum_CVEC_afterC	49
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-120.42	-98.46	155.55 MVA	146.2 MVA	2004Sum_CVEC_beforeC	49
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.12	-128.54	-101.94	164.05 MVA	146.2 MVA	2004Sum_CVEC_afterC	50
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-128.64	-99.68	162.74 MVA	146.2 MVA	2004Sum_CVEC_beforeC	50
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.13	-128.55	-102.7	164.54 MVA	146.2 MVA	2004Sum_CVEC_afterC	51
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.12	-128.65	-100.22	163.08 MVA	146.2 MVA	2004Sum_CVEC_beforeC	51

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-124.77	-101.48	160.83 MVA	146.2 MVA	2004Sum_CVEC_afterC	52
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-128.06	-99.37	162.09 MVA	146.2 MVA	2004Sum_CVEC_beforeC	52
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-119.11	-97.94	154.21 MVA	146.2 MVA	2004Sum_CVEC_afterC	59
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.07	-122.46	-97.95	156.81 MVA	146.2 MVA	2004Sum_CVEC_afterC	60
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.24	-150.01	-101.66	181.22 MVA	146.2 MVA	2004Sum_CVEC_afterC	62
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.17	-140.16	-99.25	171.74 MVA	146.2 MVA	2004Sum_CVEC_beforeC	62
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.25	-151.71	-102.17	182.91 MVA	146.2 MVA	2004Sum_CVEC_afterC	63
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.19	-142.62	-100.04	174.21 MVA	146.2 MVA	2004Sum_CVEC_beforeC	63
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.86	-100.06	153.09 MVA	146.2 MVA	2004Sum_CVEC_beforeC	64
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-116.77	-99.87	153.66 MVA	146.2 MVA	2004Sum_CVEC_beforeC	65
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.48	-165.19	-140.62	216.93 MVA	146.2 MVA	2004Sum_CVEC_afterC	67
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.47	-165.88	-136.6	214.89 MVA	146.2 MVA	2004Sum_CVEC_beforeC	67
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-119.11	-97.93	154.2 MVA	146.2 MVA	2004Sum_CVEC_afterC	68
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.09	-148.7	-56.95	159.24 MVA	146.2 MVA	2004Sum_CVEC_afterC	69
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-144.2	-57.8	155.35 MVA	146.2 MVA	2004Sum_CVEC_beforeC	69
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.31	-99.75	154.75 MVA	146.2 MVA	2004Sum_CVEC_afterC	71
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.06	-118.67	-100.28	155.37 MVA	146.2 MVA	2004Sum_CVEC_afterC	72
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-120.83	-96.39	154.57 MVA	146.2 MVA	2004Sum_CVEC_beforeC	72
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.08	-121.89	-99.39	157.28 MVA	146.2 MVA	2004Sum_CVEC_afterC	73
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-118.03	-100.71	155.15 MVA	146.2 MVA	2004Sum_CVEC_beforeC	73

30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.1	-120.72	-106.71	161.12 MVA	146.2 MVA	2004Sum_CVEC_afterC	74
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.11	-122.39	-106.91	162.51 MVA	146.2 MVA	2004Sum_CVEC_beforeC	74
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.07	-101.6	152.76 MVA	146.2 MVA	2004Sum_CVEC_afterC	76
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.06	-116.64	-101.41	154.56 MVA	146.2 MVA	2004Sum_CVEC_beforeC	76
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.56	-100.72	152.54 MVA	146.2 MVA	2004Sum_CVEC_afterC	79
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.26	-101.04	153.28 MVA	146.2 MVA	2004Sum_CVEC_beforeC	79
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.52	-100.93	152.65 MVA	146.2 MVA	2004Sum_CVEC_afterC	80
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.31	-101.1	153.35 MVA	146.2 MVA	2004Sum_CVEC_beforeC	80
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.47	-101.09	151.97 MVA	146.2 MVA	2004Sum_CVEC_afterC	81
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.43	-101.16	151.99 MVA	146.2 MVA	2004Sum_CVEC_afterC	83
No Violation																
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.62	-101.31	152.23 MVA	146.2 MVA	2004Sum_CVEC_afterC	89
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.47	-101.32	152.87 MVA	146.2 MVA	2004Sum_CVEC_beforeC	89
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-114.47	-100.84	152.55 MVA	146.2 MVA	2004Sum_CVEC_afterC	96
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.62	-101.53	153.12 MVA	146.2 MVA	2004Sum_CVEC_beforeC	96
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.05	-115.83	-100.54	153.38 MVA	146.2 MVA	2004Sum_CVEC_afterC	97
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-115.79	-101.13	153.73 MVA	146.2 MVA	2004Sum_CVEC_beforeC	97
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.24	1.04	-113.87	-100.93	152.16 MVA	146.2 MVA	2004Sum_CVEC_afterC	98
30792	PNCHE 2M	230	30	34158	PANOCHE	115	30	2	1.25	1.05	-114.34	-101.41	152.83 MVA	146.2 MVA	2004Sum_CVEC_beforeC	98
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.96	1.06	-308.59	44.26	788.91 AMPS	745.54 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.96	1.05	-314.88	27.25	779.62 AMPS	745.54 AMPS	2004Sum_CVEC_afterC	155
30796	STOREY 1	230	30	30810	GREGG	230	30	1	0.74	0.9	-272.57	9.71	673.87 AMPS	745.54 AMPS	2004Sum_CVEC_beforeC	155
30800	WILSON	230	30	34136	WILSON B	115	30	2	0.47	1.21	149.86	88.33	173.96 MVA	144 MVA	2004Sum_CVEC_afterC	124
30800	WILSON	230	30	34136	WILSON B	115	30	2	0.51	1.26	158.62	87.62	181.21 MVA	144 MVA	2004Sum_CVEC_beforeC	124

30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-315.52	-10.88	794.36 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	106
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.86	-7.94	566.71 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	106
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.72	-13.24	787.82 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	107
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-222.85	-10.83	560.26 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	107
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.08	-339.5	-11.78	855.96 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	108
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.79	-249.68	-6.39	629.54 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	108
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-316.13	-14.62	793.45 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	11
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.35	-12.19	563.4 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	11
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.66	-15.15	783.84 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	110
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-221.47	-12.99	555.84 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	110
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.69	-13.24	782.81 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	121
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.83	-14.89	784.39 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	126
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-221.68	-13.01	556.32 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	126
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.2	-374.96	-9.18	953.15 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-314.78	-15.03	789.44 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	143
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-223.42	-12.74	560.8 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	143
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.49	-14.29	786.79 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	146
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-221.91	-12.05	557.43 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	146
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-321.42	-14.72	807.39 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	148
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.73	-229.69	-13.48	577.91 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	148
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.61	-13.78	784.86 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	149
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-220.95	-12.05	555.4 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	149
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-319.61	-8.36	806.39 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	15
No Violation																

30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.57	-14.08	784.57 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	152
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-322.02	-16.83	806.69 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	153
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.73	-231.5	-14.15	580.13 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	153
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.01	-319.98	-15.38	802.39 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	154
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.73	-229.63	-12.5	576.25 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	154
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.19	-381.01	-30.46	945.86 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	155
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.95	-303.29	-24.02	752.02 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	155
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.03	-326.68	-17.14	818.42 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	156
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.75	-235.9	-13.93	591.06 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	156
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-330.26	-18.68	826.34 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	157
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.76	-239.36	-15.3	598.93 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	157
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.71	-14.16	784.64 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	158
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-316.04	-15.1	792.44 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	167
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-225.62	-13.25	565.96 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	167
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.58	-15.33	783.96 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	170
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-317.56	-13.55	796.73 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	171
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.75	-11.81	564.45 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	171
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-312.6	-15.24	783.57 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	176
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.7	-221.5	-13.16	555.84 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	176
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.02	-322.5	-16.98	806.77 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	3
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.74	-235.7	-14.22	590.29 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	3
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-313.03	-16.11	783.72 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	4
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-224.5	-14.14	562.76 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	4

30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-331.07	-18.76	828.38 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	5
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.76	-240.2	-15.29	600.97 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	5
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.87	-12.58	783.51 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	59
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-314.31	-13.21	790.01 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	6
30805	BORDEN	230	30	30810	GREGG	230	30	1	0.8	0.71	-222.86	-12.96	559.29 AMPS	793.23 AMPS	2004Sum_CVEC_beforeC	6
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1	-315.2	-12.65	792.07 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	60
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.03	-322.98	-10.86	814.91 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	67
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	0.99	-311.88	-12.59	783.53 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	68
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-326.73	-11.73	822.73 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	69
No Violation																
30805	BORDEN	230	30	30810	GREGG	230	30	1	1.13	1.04	-326.72	-10.74	823.67 AMPS	793.23 AMPS	2004Sum_CVEC_afterC	70
No Violation																
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	101.82	30.43	106.27 MVA	107 MVA	2004Sum_CVEC_afterC	145
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	103.44	30.62	107.87 MVA	107 MVA	2004Sum_CVEC_beforeC	145
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.12	114.92	32.56	119.44 MVA	107 MVA	2004Sum_CVEC_afterC	148
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.13	116.01	32.39	120.45 MVA	107 MVA	2004Sum_CVEC_beforeC	148
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	101.49	30.96	106.1 MVA	107 MVA	2004Sum_CVEC_afterC	149
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1	102.77	30.7	107.25 MVA	107 MVA	2004Sum_CVEC_beforeC	149
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	102.07	29.01	106.11 MVA	107 MVA	2004Sum_CVEC_afterC	15
No Violation																
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.09	112.18	32.3	116.74 MVA	107 MVA	2004Sum_CVEC_afterC	155
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.14	117.35	32.5	121.77 MVA	107 MVA	2004Sum_CVEC_beforeC	155

30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.01	104.06	30.1	108.32 MVA	107 MVA	2004Sum_CVEC_afterC	171
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	104.06	30.01	108.3 MVA	107 MVA	2004Sum_CVEC_beforeC	171
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1	102.92	29.52	107.07 MVA	107 MVA	2004Sum_CVEC_afterC	19
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1	102.27	29.74	106.51 MVA	107 MVA	2004Sum_CVEC_beforeC	19
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1	102.6	30.07	106.92 MVA	107 MVA	2004Sum_CVEC_afterC	27
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.02	104.88	29.06	108.83 MVA	107 MVA	2004Sum_CVEC_beforeC	27
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.01	103	30.91	107.54 MVA	107 MVA	2004Sum_CVEC_afterC	3
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.03	105.69	30.57	110.02 MVA	107 MVA	2004Sum_CVEC_beforeC	3
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	0.99	100.3	33.48	105.74 MVA	107 MVA	2004Sum_CVEC_afterC	62
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	0.98	99.44	33.46	104.91 MVA	107 MVA	2004Sum_CVEC_beforeC	62
No Violation																
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1	102.66	29.51	106.82 MVA	107 MVA	2004Sum_CVEC_beforeC	71
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.02	105.49	29.24	109.47 MVA	107 MVA	2004Sum_CVEC_afterC	72
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.05	109.13	28.62	112.82 MVA	107 MVA	2004Sum_CVEC_beforeC	72
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.02	105.54	29.22	109.51 MVA	107 MVA	2004Sum_CVEC_afterC	73
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.01	103.98	29.43	108.07 MVA	107 MVA	2004Sum_CVEC_beforeC	73
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.96	1.05	107.82	31.24	112.26 MVA	107 MVA	2004Sum_CVEC_afterC	98
30805	BORDEN	230	30	34256	BORDEN	70	30	1	0.97	1.06	109.13	30.96	113.44 MVA	107 MVA	2004Sum_CVEC_beforeC	98
30810	GREGG	230	30	30845	FGRDN T2	230	30	1	0.55	1.05	364.74	38.63	896.09 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	22
30810	GREGG	230	30	30845	FGRDN T2	230	30	1	0.57	1.58	545.72	34.82	1339.39 AMPS	849.96 AMPS	2004Sum_CVEC_beforeC	22
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.65	1.22	474.35	21	1184.63 AMPS	974.97 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.65	1.38	539.92	5.87	1341.05 AMPS	974.97 AMPS	2004Sum_CVEC_afterC	21
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.09	0.76	290.98	-23.03	739.63 AMPS	974.97 AMPS	2004Sum_CVEC_beforeC	21
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.01	401.93	6.03	981.47 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	13
No Violation																

30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.25	490.66	51.94	1214.27 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	0.99	388.36	40.58	956.53 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	15
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.71	1.41	557.4	45.45	1370.61 AMPS	968.94 AMPS	2004Sum_CVEC_afterC	21
No Violation																
30830	KEARNEY	230	30	30835	HERNDON	230	30	1	0.43	1.03	395.15	-36.32	1002.19 AMPS	974.97 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30830	KEARNEY	230	30	30835	HERNDON	230	30	1	0.43	1.19	459.11	-63.74	1162.25 AMPS	974.97 AMPS	2004Sum_CVEC_afterC	21
No Violation																
30873	HELM	230	30	30875	MC CALL	230	30	1	0.62	1.25	432.69	16.93	1065.67 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	14
No Violation																
30873	HELM	230	30	30875	MC CALL	230	30	1	0.62	1.08	375.45	32.33	920.45 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	16
No Violation																
30873	HELM	230	30	30875	MC CALL	230	30	1	0.62	1.07	370.7	18.93	909.95 AMPS	849.96 AMPS	2004Sum_CVEC_afterC	17
No Violation																
30875	MC CALL	230	30	30877	MCCALL2M	115	30	2	0.6	1.01	442.76	154.26	468.86 MVA	463.7 MVA	2004Sum_CVEC_afterC	72
30875	MC CALL	230	30	30877	MCCALL2M	115	30	2	0.54	0.77	321.99	153.28	356.62 MVA	463.7 MVA	2004Sum_CVEC_beforeC	72
30877	MCCALL2M	115	30	34370	MC CALL	115	30	2	0.62	1.01	-442.76	-149.75	467.4 MVA	463.7 MVA	2004Sum_CVEC_afterC	72
30877	MCCALL2M	115	30	34370	MC CALL	115	30	2	0.56	0.79	-321.99	-170.34	364.27 MVA	463.7 MVA	2004Sum_CVEC_beforeC	72
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.08	158.71	70.08	173.49 MVA	161.3 MVA	2004Sum_CVEC_afterC	220
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.07	158.53	70.07	173.32 MVA	161.3 MVA	2004Sum_CVEC_beforeC	220
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1	149.75	59.38	161.09 MVA	161.3 MVA	2004Sum_CVEC_afterC	221
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.01	149.41	63.26	162.25 MVA	161.3 MVA	2004Sum_CVEC_beforeC	221
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.09	161.5	69.21	175.7 MVA	161.3 MVA	2004Sum_CVEC_afterC	81
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.09	161.41	71.18	176.41 MVA	161.3 MVA	2004Sum_CVEC_beforeC	81

30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.15	174.15	61.77	184.78 MVA	161.3 MVA	2004Sum_CVEC_afterC	85
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.92	1.14	174.04	61.76	184.67 MVA	161.3 MVA	2004Sum_CVEC_beforeC	85
30945	KERN PP	230	30	34752	KERN PWR	115	30	4	0.64	1.77	233.09	102.35	254.57 MVA	144 MVA	2004Sum_CVEC_afterC	88
30945	KERN PP	230	30	34752	KERN PWR	115	30	4	0.65	1.78	235.16	103.72	257.02 MVA	144 MVA	2004Sum_CVEC_beforeC	88
30946	LAPALOMA	230	30	30970	MIDWAY	230	30	1	0.57	1	-1432.56	170.35	3626.26 AMPS	3639.82 AMPS	2004Sum_CVEC_afterC	90
30946	LAPALOMA	230	30	30970	MIDWAY	230	30	1	0.57	1	-1432.59	175.81	3622.88 AMPS	3639.82 AMPS	2004Sum_CVEC_beforeC	90
30946	LAPALOMA	230	30	30970	MIDWAY	230	30	2	0.57	0.99	-1432.62	181.71	3619.31 AMPS	3639.82 AMPS	2004Sum_CVEC_afterC	89
30946	LAPALOMA	230	30	30970	MIDWAY	230	30	2	0.57	0.99	-1432.64	186.69	3616.37 AMPS	3639.82 AMPS	2004Sum_CVEC_beforeC	89
30970	MIDWAY	230	30	34774	MIDWAY	115	30	1	0.63	1.27	148.07	38.32	152.94 MVA	120 MVA	2004Sum_CVEC_afterC	100
30970	MIDWAY	230	30	34774	MIDWAY	115	30	1	0.73	1.46	170.7	39.03	175.11 MVA	120 MVA	2004Sum_CVEC_beforeC	100
30970	MIDWAY	230	30	34774	MIDWAY	115	30	1	0.63	1.03	119.44	33.32	124 MVA	120 MVA	2004Sum_CVEC_afterC	89
30970	MIDWAY	230	30	34774	MIDWAY	115	30	1	0.73	1.22	142.94	33.99	146.93 MVA	120 MVA	2004Sum_CVEC_beforeC	89
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.1	12.58 MVA	12.5 MVA	2004Sum_CVEC_afterC	108
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.54	12.32 MVA	12.5 MVA	2004Sum_CVEC_beforeC	108
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.1	12.58 MVA	12.5 MVA	2004Sum_CVEC_afterC	124
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.24	12.64 MVA	12.5 MVA	2004Sum_CVEC_afterC	14
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.96	12.51 MVA	12.5 MVA	2004Sum_CVEC_afterC	155
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.94	12.5 MVA	12.5 MVA	2004Sum_CVEC_afterC	156
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.94	12.5 MVA	12.5 MVA	2004Sum_CVEC_afterC	157
No Violation																
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.56	12.33 MVA	12.5 MVA	2004Sum_CVEC_beforeC	21

No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.54	12.32 MVA	12.5 MVA	2004Sum_CVEC_beforeC	28
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.03	11	6.61	12.83 MVA	12.5 MVA	2004Sum_CVEC_afterC	32
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1.02	11	6.38	12.72 MVA	12.5 MVA	2004Sum_CVEC_beforeC	32
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.03	11	6.65	12.85 MVA	12.5 MVA	2004Sum_CVEC_afterC	33
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1.01	11	6.24	12.65 MVA	12.5 MVA	2004Sum_CVEC_beforeC	33
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.97	12.51 MVA	12.5 MVA	2004Sum_CVEC_afterC	34
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.71	12.39 MVA	12.5 MVA	2004Sum_CVEC_beforeC	34
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.95	12.5 MVA	12.5 MVA	2004Sum_CVEC_afterC	5
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.97	12.52 MVA	12.5 MVA	2004Sum_CVEC_afterC	54
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.97	12.51 MVA	12.5 MVA	2004Sum_CVEC_afterC	6
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.28	12.67 MVA	12.5 MVA	2004Sum_CVEC_afterC	63
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	1	11	5.87	12.47 MVA	12.5 MVA	2004Sum_CVEC_beforeC	63
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.19	12.62 MVA	12.5 MVA	2004Sum_CVEC_afterC	64
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.98	0.99	11	5.8	12.44 MVA	12.5 MVA	2004Sum_CVEC_beforeC	64
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1.01	11	6.09	12.57 MVA	12.5 MVA	2004Sum_CVEC_afterC	67
No Violation																
33620	AM FORST	60	30	33826	MARTELL	9	30	1	0.99	1	11	5.98	12.52 MVA	12.5 MVA	2004Sum_CVEC_afterC	70
No Violation																
34100	CHWCHLLA	115	30	34105	CERTANJ1	115	30	1	0.14	0.99	77.33	-19.78	390.83 AMPS	396.61 AMPS	2004Sum_CVEC_afterC	6
34100	CHWCHLLA	115	30	34105	CERTANJ1	115	30	1	0.14	0.99	77.34	-20.5	390.93 AMPS	396.61 AMPS	2004Sum_CVEC_beforeC	6
34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.54	1	77.36	-10.7	395.79 AMPS	396.61 AMPS	2004Sum_CVEC_afterC	28
34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.4	0.78	61.09	-8.33	309.91 AMPS	396.61 AMPS	2004Sum_CVEC_beforeC	28

34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.54	1.36	100.81	-43.79	537.95 AMPS	396.61 AMPS	2004Sum_CVEC_afterC	6
34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.4	1.36	100.81	-45.43	540.07 AMPS	396.61 AMPS	2004Sum_CVEC_beforeC	6
34104	ATWATER	115	30	34106	CASTLE	115	30	1	0.26	1.15	-146.22	-27.43	847.66 AMPS	738 AMPS	2004Sum_CVEC_afterC	124
34104	ATWATER	115	30	34106	CASTLE	115	30	1	0.22	1.14	-146.65	-27.44	844.3 AMPS	738 AMPS	2004Sum_CVEC_beforeC	124
34105	CERTANJ1	115	30	34121	SHARON T	115	30	1	0.14	0.99	-77.33	19.78	390.84 AMPS	396.61 AMPS	2004Sum_CVEC_afterC	6
34105	CERTANJ1	115	30	34121	SHARON T	115	30	1	0.14	0.99	-77.33	20.5	390.92 AMPS	396.61 AMPS	2004Sum_CVEC_beforeC	6
34106	CASTLE	115	30	34138	EL CAPTN	115	30	1	0.26	1.15	-146.93	-30.7	847.49 AMPS	739.01 AMPS	2004Sum_CVEC_afterC	124
34106	CASTLE	115	30	34138	EL CAPTN	115	30	1	0.22	1.14	-147.35	-30.68	844.13 AMPS	739.01 AMPS	2004Sum_CVEC_beforeC	124
34108	CRESEY T	115	30	34110	ATWATR J	115	30	1	0.2	1.95	-176.77	-28.78	997.92 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	54
34108	CRESEY T	115	30	34110	ATWATR J	115	30	1	0.17	1.93	-176.75	-28.69	989.99 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	54
34110	ATWATR J	115	30	34144	MERCED	115	30	1	0.36	1.57	-207.12	-45.48	1160.62 AMPS	738 AMPS	2004Sum_CVEC_afterC	54
34110	ATWATR J	115	30	34144	MERCED	115	30	1	0.36	1.56	-207.06	-45.26	1151.4 AMPS	738 AMPS	2004Sum_CVEC_beforeC	54
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.03	75.49	-37.52	410.13 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	16
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	0.81	60.95	-25.35	322.53 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	16
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	0.99	72.1	-37.63	394.55 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	24
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	0.77	57.51	-26.05	307.72 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	24
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.06	75.61	-32.63	423.78 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	28
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	0.77	54.3	-26.85	308.24 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	28
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.18	89.43	-31.71	470.47 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	31
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	0.89	66.77	-27.19	355.41 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	31
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.54	119.65	-21.3	613.55 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	33
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.25	97.92	-18.41	498.21 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	33
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.35	100.97	-43.74	538.49 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	6
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.31	97.03	-44.86	521.52 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	6
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.46	111.58	-34.53	579.3 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	62
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.09	83.42	-29.41	434 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	62

34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.91	1.52	116.57	-34.43	604.55 AMPS	398.12 AMPS	2004Sum_CVEC_afterC	63
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.75	1.16	89.3	-30.36	463.33 AMPS	398.12 AMPS	2004Sum_CVEC_beforeC	63
34121	SHARON T	115	30	34128	OAKH_JCT	115	30	1	0.26	1.06	-85.34	13.65	421.16 AMPS	396.61 AMPS	2004Sum_CVEC_afterC	6
34121	SHARON T	115	30	34128	OAKH_JCT	115	30	1	0.22	1.06	-85.34	14.37	420.97 AMPS	396.61 AMPS	2004Sum_CVEC_beforeC	6
34134	WILSON A	115	30	34144	MERCED	115	30	1	0.51	1.45	130.51	48.01	683.34 AMPS	471.92 AMPS	2004Sum_CVEC_afterC	54
34134	WILSON A	115	30	34144	MERCED	115	30	1	0.51	1.44	130.89	47.5	680.34 AMPS	471.92 AMPS	2004Sum_CVEC_beforeC	54
34134	WILSON A	115	30	34144	MERCED	115	30	2	0.46	1.31	116.56	46.11	615.96 AMPS	471.92 AMPS	2004Sum_CVEC_afterC	54
34134	WILSON A	115	30	34144	MERCED	115	30	2	0.46	1.3	116.91	45.66	613.25 AMPS	471.92 AMPS	2004Sum_CVEC_beforeC	54
34136	WILSON B	115	30	34138	EL CAPTN	115	30	1	0.84	1.74	236.3	77.46	1287.96 AMPS	739.01 AMPS	2004Sum_CVEC_afterC	124
34136	WILSON B	115	30	34138	EL CAPTN	115	30	1	0.85	1.73	236.65	77.07	1281.9 AMPS	739.01 AMPS	2004Sum_CVEC_beforeC	124
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.4	1.03	-54.8	28.34	61.7 MVA	60 MVA	2004Sum_CVEC_afterC	122
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.03	-54.82	28.76	61.9 MVA	60 MVA	2004Sum_CVEC_beforeC	122
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.4	1.04	-54.82	29.23	62.13 MVA	60 MVA	2004Sum_CVEC_afterC	123
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.04	-54.83	29.63	62.33 MVA	60 MVA	2004Sum_CVEC_beforeC	123
34150	NEWHALL	115	30	34178	CAPCOTAP	115	30	1	0.45	1.05	-82.32	10.96	420.06 AMPS	401.64 AMPS	2004Sum_CVEC_afterC	28
34150	NEWHALL	115	30	34178	CAPCOTAP	115	30	1	0.42	0.93	-73.55	10.38	373.08 AMPS	401.64 AMPS	2004Sum_CVEC_beforeC	28
34156	MENDOTA	115	30	34157	PANOCHET	115	30	1	0.58	0.99	96.54	25.34	475.44 AMPS	481.96 AMPS	2004Sum_CVEC_afterC	28
34156	MENDOTA	115	30	34157	PANOCHET	115	30	1	0.63	0.95	93.85	22.69	459.62 AMPS	481.96 AMPS	2004Sum_CVEC_beforeC	28
34156	MENDOTA	115	30	34178	CAPCOTAP	115	30	1	0.45	1.05	85.52	-5.58	420.61 AMPS	401.64 AMPS	2004Sum_CVEC_afterC	28
34156	MENDOTA	115	30	34178	CAPCOTAP	115	30	1	0.42	0.93	76.07	-6.38	373.71 AMPS	401.64 AMPS	2004Sum_CVEC_beforeC	28
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.32	-134.37	-39.87	673.93 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	133
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1.3	-133.06	-38.16	665.49 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	133
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.11	-119.83	-1.79	567.1 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	16
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.96	-103.29	-3.95	489.43 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	16
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.04	-111.52	-2.85	532.12 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	18
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.78	-84.13	-8.04	399.73 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	18

34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	0.99	-107.67	-3.24	508.49 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	21
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.91	-97.87	-1.9	468.45 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	21
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.06	-115.31	-1.58	545.16 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	24
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.91	-97.76	-3.34	463.81 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	24
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.24	-132.5	-12.65	634.29 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	28
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1.07	-114.73	-10.15	548.51 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	28
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.01	-108.8	-8.05	517.13 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	29
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.97	-104.43	-7.1	498.41 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	29
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.14	-122.92	-6.92	583.6 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	31
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.97	-104.95	-5.29	498.65 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	31
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.21	-130.03	-12.96	621.91 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	33
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1.05	-112.45	-10.49	537.08 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	33
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.08	-116.95	-11.63	554.55 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	44
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1	-107.7	-10.17	510.18 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	44
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.15	-123.8	-7.47	589.03 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	62
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.96	-103.71	-5.65	491.81 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	62
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.17	-126.25	-8.12	601.4 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	63
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	0.99	-106.48	-6.17	504.58 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	63
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	1	1.64	-156.04	-72.59	840.44 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	67
34158	PANOCHE	115	30	34159	PANOCHEJ	115	30	1	0.89	1.59	-151.48	-69.65	815.86 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	67
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.19	120.75	37.51	607.94 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	133
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	1.17	119.43	35.78	599.39 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	133
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.11	118.87	10.31	568.6 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	28
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.94	101.11	7.82	482.92 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	28
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.01	109.29	4.6	518.53 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	31
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.85	91.32	2.97	433.58 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	31

34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.09	116.4	10.63	556.29 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	33
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.92	98.82	8.16	471.55 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	33
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.02	110.17	5.14	523.81 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	62
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.83	90.08	3.34	426.85 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	62
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.05	112.62	5.79	536.08 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	63
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	0.86	92.86	3.87	439.65 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	63
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.85	1.51	142.41	70.17	775.3 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	67
34159	PANOCHEJ	115	30	34160	HAMMONDS	115	30	1	0.74	1.47	137.84	67.21	750.46 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	67
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.74	1.1	110.06	32.63	562.98 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	133
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.63	1.08	108.78	31.02	554.37 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	133
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.74	1.02	108.36	5.95	523.56 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	28
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.63	0.86	90.93	4.46	438.01 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	28
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.74	1	105.94	6.43	511.31 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	33
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.63	0.83	88.68	4.92	426.69 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	33
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.74	1.43	130.86	62.73	731.04 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	67
34160	HAMMONDS	115	30	34161	DFSTP	115	30	1	0.63	1.38	126.44	60.19	706.11 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	67
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.71	1.07	105.21	25.63	546.9 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	133
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.6	1.05	103.99	24.19	538.37 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	133
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.71	0.99	103.77	-0.27	509.34 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	28
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.6	0.83	86.85	-0.35	423.86 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	28
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.71	1.39	124.68	51.95	713.65 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	67
34161	DFSTP	115	30	34162	ORO LOMA	115	30	1	0.6	1.34	120.47	50.02	688.73 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	67
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.69	1.52	99.64	45.08	109.37 MVA	72 MVA	2004Sum_CVEC_afterC	133
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.51	1.54	101.67	43.37	110.53 MVA	72 MVA	2004Sum_CVEC_beforeC	133
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.69	2.04	122.83	81.16	147.22 MVA	72 MVA	2004Sum_CVEC_afterC	67
34162	ORO LOMA	115	30	34200	ORO LOMA	70	30	2	0.51	2.05	124.56	78.86	147.42 MVA	72 MVA	2004Sum_CVEC_beforeC	67

34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.78	1.57	50.07	6.01	442.48 AMPS	282.08 AMPS	2004Sum_CVEC_afterC	133
34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.64	1.56	50.02	5.93	440.1 AMPS	282.08 AMPS	2004Sum_CVEC_beforeC	133
34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.78	2.05	58.04	12.59	577.82 AMPS	282.08 AMPS	2004Sum_CVEC_afterC	67
34200	ORO LOMA	70	30	34218	DOS PALS	70	30	1	0.64	2.03	57.88	12.34	572.8 AMPS	282.08 AMPS	2004Sum_CVEC_beforeC	67
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.3	1.33	62.23	22.45	580.46 AMPS	437.14 AMPS	2004Sum_CVEC_afterC	133
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.07	1.32	62.19	22.31	577.24 AMPS	437.14 AMPS	2004Sum_CVEC_beforeC	133
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.3	2.11	84.03	44.07	923.19 AMPS	437.14 AMPS	2004Sum_CVEC_afterC	67
34200	ORO LOMA	70	30	34222	MRCYSPRS	70	30	1	0.07	2.09	83.86	43.52	914.5 AMPS	437.14 AMPS	2004Sum_CVEC_beforeC	67
34200	ORO LOMA	70	30	34234	POSO J1	70	30	1	0.34	1.1	-31.92	-1.54	310.88 AMPS	282.08 AMPS	2004Sum_CVEC_afterC	67
34200	ORO LOMA	70	30	34234	POSO J1	70	30	1	0.15	1.03	-29.85	-3.01	290.44 AMPS	282.08 AMPS	2004Sum_CVEC_beforeC	67
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.48	1.3	-54.8	14.36	490.09 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	122
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.46	1.3	-54.82	14.8	489.8 AMPS	377.75 AMPS	2004Sum_CVEC_beforeC	122
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.48	1.3	-54.82	15.28	489.61 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	123
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.46	1.3	-54.83	15.71	489.39 AMPS	377.75 AMPS	2004Sum_CVEC_beforeC	123
34206	CANAL	70	30	34216	SNTA RTA	70	30	1	0.15	1.33	-31.09	-0.49	375.67 AMPS	282.08 AMPS	2004Sum_CVEC_afterC	67
34206	CANAL	70	30	34216	SNTA RTA	70	30	1	0.01	1.32	-31.07	-0.46	371.94 AMPS	282.08 AMPS	2004Sum_CVEC_beforeC	67
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.47	1.22	-38.57	-1.17	362.64 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	133
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.33	1.21	-38.55	-1.13	360.62 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	133
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.47	1.64	-44.52	-4.22	488.31 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	67
34216	SNTA RTA	70	30	34218	DOS PALS	70	30	1	0.33	1.62	-44.44	-4.11	483.79 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	67
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.53	1.34	62.75	-0.89	508.02 AMPS	379.4 AMPS	2004Sum_CVEC_afterC	122
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.52	1.34	62.78	-1.34	507.74 AMPS	379.4 AMPS	2004Sum_CVEC_beforeC	122
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.53	1.34	62.77	-1.83	507.29 AMPS	379.4 AMPS	2004Sum_CVEC_afterC	123
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.52	1.34	62.77	-2.25	506.94 AMPS	379.4 AMPS	2004Sum_CVEC_beforeC	123
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.49	1.62	-55.97	-0.16	453.04 AMPS	280.43 AMPS	2004Sum_CVEC_afterC	122
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.48	1.61	-55.97	0.29	452.62 AMPS	280.43 AMPS	2004Sum_CVEC_beforeC	122

34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.49	1.61	-55.98	0.79	452.26 AMPS	280.43 AMPS	2004Sum_CVEC_afterC	123
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.48	1.61	-55.98	1.22	451.91 AMPS	280.43 AMPS	2004Sum_CVEC_beforeC	123
34266	FIREBAGH	70	30	34267	TOMATAK	70	30	1	0.47	1.01	-45.1	-7.71	401.59 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	67
34266	FIREBAGH	70	30	34267	TOMATAK	70	30	1	0.34	0.96	-42.65	-8.64	380.84 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	67
34267	TOMATAK	70	30	34268	MENDOTA	70	30	1	0.62	1.18	-52.07	-13.5	467.14 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	67
34267	TOMATAK	70	30	34268	MENDOTA	70	30	1	0.51	1.13	-49.59	-14.35	447.06 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	67
34268	MENDOTA	70	30	34269	BIOMSJCT	70	30	1	0.84	1.28	56.4	-29.76	508.52 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	14
No Violation																
34268	MENDOTA	70	30	34269	BIOMSJCT	70	30	1	0.84	1	44.55	-23.39	394.92 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	17
No Violation																
34268	MENDOTA	70	30	34269	BIOMSJCT	70	30	1	0.84	0.99	46.31	-10.89	390.36 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	44
34268	MENDOTA	70	30	34269	BIOMSJCT	70	30	1	0.56	0.76	35.77	-7.69	299.97 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	44
34366	SANGER	115	30	34488	SANGER	70	30	3	0.71	1.14	52.76	21.15	56.84 MVA	50 MVA	2004Sum_CVEC_afterC	148
34366	SANGER	115	30	34488	SANGER	70	30	3	0.7	1.13	52.24	20.98	56.3 MVA	50 MVA	2004Sum_CVEC_beforeC	148
34380	REEDLEY	115	30	34384	GERAWAN	115	30	1	0.44	1.12	-120.47	-39.03	629.88 AMPS	560.78 AMPS	2004Sum_CVEC_afterC	145
34380	REEDLEY	115	30	34384	GERAWAN	115	30	1	0.42	1.11	-118.94	-39.45	624.45 AMPS	560.78 AMPS	2004Sum_CVEC_beforeC	145
34380	REEDLEY	115	30	34394	PIEDRA 1	115	30	1	0.41	1.01	-100.42	-10.21	517.52 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	98
34380	REEDLEY	115	30	34394	PIEDRA 1	115	30	1	0.42	1	-99.61	-10.48	514.55 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	98
34380	REEDLEY	115	30	34492	REEDLEY	70	30	2	0.65	1.19	124.9	29.1	128.25 MVA	108 MVA	2004Sum_CVEC_afterC	145
34380	REEDLEY	115	30	34492	REEDLEY	70	30	2	0.63	1.17	123.37	29.47	126.84 MVA	108 MVA	2004Sum_CVEC_beforeC	145
34382	WAHTOKE	115	30	34384	GERAWAN	115	30	1	0.44	1.12	121.83	42.76	629.31 AMPS	560.78 AMPS	2004Sum_CVEC_afterC	145
34382	WAHTOKE	115	30	34384	GERAWAN	115	30	1	0.42	1.11	120.27	43.12	623.88 AMPS	560.78 AMPS	2004Sum_CVEC_beforeC	145
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.11	1.01	-28.92	22.52	302.17 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	32
No Violation																
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.11	1.12	-31.52	25.24	334.03 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	63
34464	COPPRMNE	70	30	34478	TVY VLLY	70	30	1	0.09	0.73	-21.36	16.01	217.16 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	63

34469	GFFNJCT	70	30	34471	SNJQJCT	70	30	1	0.58	1.05	52.48	-11.8	414.91 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	14
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.88	91.22	-13.45	710.51 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	14
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.21	58.85	-8.16	456.44 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	15
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.3	63.2	-9.14	490.58 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	17
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.2	58.79	-8.01	455.13 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	18
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.05	51.1	-7.55	397.14 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	69
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	1.14	55.34	-2.39	429.51 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	70
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.93	0.99	48.4	0.8	374.01 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	74
No Violation																
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.2	1.14	-37.97	16.91	338.4 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	32
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.15	0.78	-26.26	11.84	232.51 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	32
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.2	1.24	-41.42	18.51	370.43 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	63
34478	TVY VLLY	70	30	34492	REEDLEY	70	30	1	0.15	0.85	-28.54	12.84	252.66 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	63
34487	SNGRJCT	70	30	34488	SANGER	70	30	1	0.45	1.89	-77.07	-15.87	749.7 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	145
34487	SNGRJCT	70	30	34488	SANGER	70	30	1	0.44	1.9	-77.08	-15.89	752.34 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	145
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	-42.8	-5.68	391.21 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	145
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	-42.83	-5.77	392.76 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	145
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	1.46	71.35	16.58	576.84 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	148
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	1.44	70.28	16.94	570.1 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	148

34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	48.93	10.66	392.12 AMPS	395.9 AMPS	2004Sum_CVEC_afterC	98
34487	SNGRJCT	70	30	34490	PARLIER	70	30	1	0.58	0.99	48.5	11.01	390.01 AMPS	395.9 AMPS	2004Sum_CVEC_beforeC	98
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.24	-55.57	-10.86	493.13 AMPS	398.37 AMPS	2004Sum_CVEC_afterC	145
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.24	-55.61	-10.97	494.95 AMPS	398.37 AMPS	2004Sum_CVEC_beforeC	145
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.2	57.02	8.22	479.69 AMPS	398.37 AMPS	2004Sum_CVEC_afterC	148
34490	PARLIER	70	30	34492	REEDLEY	70	30	1	0.32	1.19	56.01	8.71	472.74 AMPS	398.37 AMPS	2004Sum_CVEC_beforeC	148
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.76	1.73	80.19	-22.77	654.41 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	14
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.76	1.06	49.4	-14.27	400.17 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	15
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.76	1.15	53.58	-15.6	434.53 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	17
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.76	1.06	49.35	-14.1	398.82 AMPS	377.75 AMPS	2004Sum_CVEC_afterC	18
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	1
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	109
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	110
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterC	12
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	13
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.52 MVA	14 MVA	2004Sum_CVEC_afterC	130
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.52	19.61 MVA	14 MVA	2004Sum_CVEC_afterC	132
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterC	150
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	16
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.53	19.63 MVA	14 MVA	2004Sum_CVEC_afterC	174
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	176
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	179
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	180
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.7	19.79 MVA	14 MVA	2004Sum_CVEC_afterC	182
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.39	-6.47	18.42	19.52 MVA	14 MVA	2004Sum_CVEC_afterC	191
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.46	19.56 MVA	14 MVA	2004Sum_CVEC_afterC	201
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.58	19.67 MVA	14 MVA	2004Sum_CVEC_afterC	202
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.48	19.58 MVA	14 MVA	2004Sum_CVEC_afterC	203
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	21
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	22
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	24
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.84	19.92 MVA	14 MVA	2004Sum_CVEC_afterC	25
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	26
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.74	19.83 MVA	14 MVA	2004Sum_CVEC_afterC	27
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.52	19.61 MVA	14 MVA	2004Sum_CVEC_afterC	28
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	29
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	30
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	31
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	32
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.66	19.75 MVA	14 MVA	2004Sum_CVEC_afterC	33
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	34
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.44	19.54 MVA	14 MVA	2004Sum_CVEC_afterC	35
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	44
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.68	19.77 MVA	14 MVA	2004Sum_CVEC_afterC	49
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.52	19.62 MVA	14 MVA	2004Sum_CVEC_afterC	61
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.72	19.81 MVA	14 MVA	2004Sum_CVEC_afterC	62
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.64	19.73 MVA	14 MVA	2004Sum_CVEC_afterC	63
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	64
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	65
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.72	19.8 MVA	14 MVA	2004Sum_CVEC_afterC	72
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	76
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.49	19.59 MVA	14 MVA	2004Sum_CVEC_afterC	8
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.64	19.73 MVA	14 MVA	2004Sum_CVEC_afterC	82
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.79	19.87 MVA	14 MVA	2004Sum_CVEC_afterC	83
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.41	-6.47	18.66	19.74 MVA	14 MVA	2004Sum_CVEC_afterC	88
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.42	-6.47	18.85	19.93 MVA	14 MVA	2004Sum_CVEC_afterC	89
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.49	19.59 MVA	14 MVA	2004Sum_CVEC_afterC	9
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.44	19.54 MVA	14 MVA	2004Sum_CVEC_afterC	91
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.39	1.4	-6.47	18.43	19.53 MVA	14 MVA	2004Sum_CVEC_afterC	96
No Violation																
34580	BDGR HLL	70	30	34942	LST HLLS	70	30	1	0.46	1.03	-37.89	-9.2	306.9 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	178
34580	BDGR HLL	70	30	34942	LST HLLS	70	30	1	0.51	1.03	-37.89	-9.2	306.78 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	178
34582	ARCO	70	30	34942	LST HLLS	70	30	1	0.56	1.12	41.91	11.12	333.05 AMPS	297.75 AMPS	2004Sum_CVEC_afterC	178
34582	ARCO	70	30	34942	LST HLLS	70	30	1	0.61	1.12	41.91	11.12	332.92 AMPS	297.75 AMPS	2004Sum_CVEC_beforeC	178
No Violation																
34700	SMYRNA	115	30	34708	MCKIBBEN	115	30	1	0.66	1.02	-122.83	28.06	616.79 AMPS	602.45 AMPS	2004Sum_CVEC_beforeC	13
No Violation																
34700	SMYRNA	115	30	34708	MCKIBBEN	115	30	1	0.66	1.01	-121.5	22.41	607.42 AMPS	602.45 AMPS	2004Sum_CVEC_beforeC	72
34714	LERDO	115	30	34784	CAWELO C	115	30	1	0.7	1.04	-108.6	7.67	532.95 AMPS	512.08 AMPS	2004Sum_CVEC_afterC	88
34714	LERDO	115	30	34784	CAWELO C	115	30	1	0.67	1.02	-106.83	7.04	523.74 AMPS	512.08 AMPS	2004Sum_CVEC_beforeC	88
34734	BEAR TAP	115	30	35066	PSE-BEAR	9	30	1	0.91	1.03	43.31	24	49.51 MVA	48 MVA	2004Sum_CVEC_afterC	88
34734	BEAR TAP	115	30	35066	PSE-BEAR	9	30	1	0.91	1.03	43.31	24	49.51 MVA	48 MVA	2004Sum_CVEC_beforeC	88
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.95	1.04	33	15	36.25 MVA	35 MVA	2004Sum_CVEC_afterC	88
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.94	1.04	33	15	36.25 MVA	35 MVA	2004Sum_CVEC_beforeC	88
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.16	-89.63	16.53	437.6 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	109
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.14	-87.71	16.06	428.11 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	109
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.02	-78.92	12.81	383.96 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	13
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.71	-131.25	23.5	642.37 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	13

No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.17	-90.51	16.83	442.05 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	14
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.24	-96.03	16.06	468.3 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	16
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.7	-130.44	23.41	638.39 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	16
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.17	-89.91	16.67	439.04 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	17
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.09	-84.26	15	411.34 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	18
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.15	-88.69	16.13	432.85 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	18
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.02	-78.72	13.09	383.41 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	19
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.32	-101.79	18.8	497.46 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	19
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.15	-88.54	16.85	432.8 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	20
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.28	-98.36	18.68	480.93 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	21
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.68	-129.18	23.45	632.6 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	21
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.22	-93.85	16.08	457.78 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	24
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.64	-126.53	23.15	619.34 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	24
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.07	-82.79	14.14	403.38 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	25
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.55	-119.35	22.08	583.95 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	25
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.09	-84.11	13.37	409.32 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	27
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.52	-116.93	19.35	570.83 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	27
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.02	-78.77	13.54	383.72 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	30
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.45	-111.69	20.92	546.41 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	30
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.15	-88.54	16.85	432.8 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	58
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.14	-87.88	16.49	429.26 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	59

No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.17	-90.29	18.46	442.09 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	63
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.15	-89.01	16.43	434.67 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	67
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.14	-87.89	16.49	429.28 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	68
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.16	-89.59	16.72	437.67 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	69
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.17	-90.57	16.8	442.37 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	70
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.15	-88.99	10.61	431.54 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	72
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.68	-129.81	18.05	632.7 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	72
34746	GANSO	115	30	34774	MIDWAY	115	30	1	0.83	1.18	-91.63	13.07	445.49 AMPS	376.53 AMPS	2004Sum_CVEC_afterC	73
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.42	-109.57	16.93	533.83 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	73
No Violation																
34746	GANSO	115	30	34774	MIDWAY	115	30	1	1.29	1.22	-94.26	18.1	460.91 AMPS	376.53 AMPS	2004Sum_CVEC_beforeC	77
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	0.98	0.99	-84.47	9.8	85.04 MVA	86 MVA	2004Sum_CVEC_afterC	188
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	0.98	0.99	-84.47	10.23	85.09 MVA	86 MVA	2004Sum_CVEC_beforeC	188
No Violation																
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	0.98	0.99	-84.47	9.69	85.03 MVA	86 MVA	2004Sum_CVEC_beforeC	189
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	0.98	0.99	-84.47	-12.14	85.34 MVA	86 MVA	2004Sum_CVEC_afterC	88
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	0.98	0.99	-84.47	-11.21	85.21 MVA	86 MVA	2004Sum_CVEC_beforeC	88
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.85	1.02	49.15	5.72	386.78 AMPS	379.4 AMPS	2004Sum_CVEC_afterC	88
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.83	1	48.36	6.01	380.72 AMPS	379.4 AMPS	2004Sum_CVEC_beforeC	88
35616	SJ B E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.69	-0.34	874.86 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	105
35616	SJ B E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.27	5.06	774.63 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	105

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.1	872.21 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	106
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.06	5.05	773.66 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	106
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.97	-0.15	870.72 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	107
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.85	5.13	772.56 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	107
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	178.42	-0.89	884.42 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	108
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.98	159.34	4.34	785.47 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	108
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	177.29	-0.49	878.09 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	11
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.2	4.73	779.49 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	11
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.78	-0.24	875.19 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	110
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.66	4.96	776.61 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	110
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.22	-0.18	872.14 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	121
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.1	5.08	773.81 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	121
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.55	-0.3	873.89 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	126
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.45	4.97	775.61 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	126
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.08	-0.03	871.47 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	127
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.92	5.08	772.9 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	127
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.1	0	871.44 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	132
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.92	5.16	772.81 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	132
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.57	-0.22	874.17 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	137
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.45	4.98	775.61 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	137
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.53	-0.21	873.89 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	138
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.39	4.99	775.31 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	138
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.64	-0.22	874.55 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	143
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.53	4.92	776.03 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	143
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.08	-0.07	871.5 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	144
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.94	5.11	773.03 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	144

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.76	-0.32	875.2 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	146
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.67	4.92	776.75 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	146
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.06	-0.03	871.37 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	149
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.92	5.16	772.93 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	149
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.61	-0.26	874.4 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	152
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.51	4.93	775.93 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	152
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	177.19	-0.48	877.53 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	153
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.08	4.73	778.84 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	153
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.73	-0.28	875.04 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	154
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.61	4.91	776.48 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	154
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	177.18	-0.4	877.52 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	155
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.83	4.83	777.55 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	155
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	177.6	-0.54	879.81 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	156
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.48	4.65	780.83 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	156
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	177.74	-0.62	880.55 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	157
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.63	4.58	781.55 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	157
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.64	-0.22	874.56 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	158
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.56	4.89	776.19 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	158
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.4	-0.2	873.24 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	167
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.28	4.99	774.73 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	167
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.87	0	870.31 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	169
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.5	-0.19	873.75 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	170
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.38	4.97	775.26 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	170
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.32	-0.13	872.76 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	171
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.19	5.06	774.29 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	171

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.79	-0.27	875.21 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	176
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.65	4.92	776.58 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	176
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.19	-0.11	872.08 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	185
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.06	5.09	773.63 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	185
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.79	-0.33	875.36 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	187
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.64	4.94	776.63 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	187
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.11	872.12 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	190
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.02	5.08	773.48 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	190
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.07	-0.08	871.42 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	192
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.88	5.04	772.59 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	192
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.4	-0.18	873.24 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	193
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.23	4.97	774.52 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	193
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.32	-0.15	872.8 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	197
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.15	5.02	774.11 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	197
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.14	-0.08	871.8 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	210
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.95	5.06	772.97 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	210
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.97	-0.01	870.92 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	221
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.77	5.08	772.17 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	221
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.88	-0.34	875.84 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	225
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.7	4.81	776.95 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	225
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.67	-0.25	874.71 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	226
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.49	4.91	775.87 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	226
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176	-0.04	871.05 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	227
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.82	5.08	772.42 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	227
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.41	-0.25	873.36 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	23
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.86	5.06	772.67 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	23

35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.01	-0.03	871.08 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	230
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.83	5.09	772.45 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	230
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.89	0.01	870.42 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	234
No Violation																	
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	175.91	-0.06	870.55 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	240
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.73	5.11	771.97 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	240
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.2	-0.2	871.98 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	241
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.05	5.04	773.62 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	241
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	177.82	-0.63	881.02 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	5
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.78	-1.08	780.28 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	5
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	177.37	-0.52	878.6 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	6
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	158.27	-1.04	777.55 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	6
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.1	178.65	-1.52	885.01 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	67
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.97	157.55	4.59	776.13 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	67
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.51	-0.25	873.88 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	78
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.29	4.94	774.94 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	78
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.08	176.09	-0.04	871.51 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	95
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	156.95	5.11	773.07 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	95
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.23	1.09	176.42	-0.18	873.32 AMPS	803.27 AMPS	2004Sum_CVEC_afterC	99
35616	SJ B	E	115	30	35617	FMC JCT	115	30	1	1.09	0.96	157.25	4.97	774.63 AMPS	803.27 AMPS	2004Sum_CVEC_beforeC	99