APPENDIX C3 – SPRING 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
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	200	106	1.05	226 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	200	103	1.05	225 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum
No Violation														
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	150	30	1.02	153 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum
30790	PANOCHE	230	30	30873	HELM	230	30	1	-384	40	1.3	963 AMPS	742.02 AMPS	2004SprPk_CVEC_afterB2_Renum
No Violation														
30790	PANOCHE	230	30	30873	HELM	230	30	2	-353	18	1.11	882 AMPS	795.74 AMPS	2004SprPk_CVEC_afterB2_Renum
No Violation														
31596	SOUTH	60	30	31826	SOUTH G	9	30	1	-7	3	1.01	8 MVA	7.5 MVA	2004SprPk_CVEC_afterB2_Renum
31596	SOUTH	60	30	31826	SOUTH G	9	30	1	-7	3	1.01	8 MVA	7.5 MVA	2004SprPk_CVEC_beforeB2_Renum
32218	DRUM	115	30	32454	DRUM 5	14	30	1	50	17	1.07	52 MVA	49 MVA	2004SprPk_CVEC_afterB2_Renum
32218	DRUM	115	30	32454	DRUM 5	14	30	1	50	17	1.07	52 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum
32254	PLCRVLB2	115	30	32510	CHILIBAR	4	30	1	-7	2	1.04	7 MVA	7 MVA	2004SprPk_CVEC_afterB2_Renum
32254	PLCRVLB2	115	30	32510	CHILIBAR	4	30	1	-7	2	1.04	7 MVA	7 MVA	2004SprPk_CVEC_beforeB2_Renum
32388	FRNCH MS	60	30	32508	FRNCH MD	4	30	1	-17	6	1.06	18 MVA	17 MVA	2004SprPk_CVEC_afterB2_Renum
32388	FRNCH MS	60	30	32508	FRNCH MD	4	30	1	-17	6	1.06	18 MVA	17 MVA	2004SprPk_CVEC_beforeB2_Renum
32762	STD. OIL	115	30	32921	ChevGen1	14	30	1	54	34	1	64 MVA	64 MVA	2004SprPk_CVEC_afterB2_Renum
32762	STD. OIL	115	30	32921	ChevGen1	14	30	1	54	34	1	64 MVA	64 MVA	2004SprPk_CVEC_beforeB2_Renum
No Violation														
32762	STD. OIL	115	30	32922	ChevGen2	14	30	1	54	34	1	64 MVA	64 MVA	2004SprPk_CVEC_beforeB2_Renum
33566	CAMANCHE	115	30	33850	CAMANCHE	4	30	1	-10	3	0.99	11 MVA	11 MVA	2004SprPk_CVEC_afterB2_Renum
33566	CAMANCHE	115	30	33850	CAMANCHE	4	30	1	-11	3	0.99	11 MVA	11 MVA	2004SprPk_CVEC_beforeB2_Renum
33650	WEBER 1	60	30	33662	WEBER 2	60	30	1	29	133	1.06	1276 AMPS	1199.93 AMPS	2004SprPk_CVEC_afterB2_Renum
33650	WEBER 1	60	30	33662	WEBER 2	60	30	1	14	139	1.09	1305 AMPS	1199.93 AMPS	2004SprPk_CVEC_beforeB2_Renum
33906	SPRNG GF	115	30	34078	SPRNG GF	6	30	1	-7	3	1.01	8 MVA	7.5 MVA	2004SprPk_CVEC_afterB2_Renum

33906	SPRNG GF	115	30	34078	SPRNG GF	6	30	1	-7	3	1.01	8 MVA	7.5 MVA	2004SprPk_CVEC_beforeB2_Renum
34400	KNGS RVR	115	30	34616	KINGSRIV	14	30	1	-51	7	1.05	51 MVA	49 MVA	2004SprPk_CVEC_afterB2_Renum
34400	KNGS RVR	115	30	34616	KINGSRIV	14	30	1	-51	6	1.05	51 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	-6	15	1.18	16 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	-6	17	1.32	18 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum
34734	BEAR TAF	115	30	35066	PSE-BEAR	9	30	1	-43	19	0.99	47 MVA	48 MVA	2004SprPk_CVEC_afterB2_Renum
34734	BEAR TAF	115	30	35066	PSE-BEAR	9	30	1	-43	19	0.99	47 MVA	48 MVA	2004SprPk_CVEC_beforeB2_Renum
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	33	10	0.99	35 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	33	9	0.98	34 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	-84	31	1.05	90 MVA	86 MVA	2004SprPk_CVEC_afterB2_Renum
34784	CAWELO C	115	30	35036	MT POSO	9	30	1	-84	31	1.05	90 MVA	86 MVA	2004SprPk_CVEC_beforeB2_Renum

APPENDIX C3 – SPRING 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	0.48	1.21	1124.38	122.69	1131.05 MVA	933 MVA	2004SprPk_CVEC_afterB1	31
30000	PTSB 7	20	30	30526	PITSBURG	230	30	1	0.69	1.45	1340.75	143.41	1348.39 MVA	933 MVA	2004SprPk_CVEC_beforeB1	31
30060	MIDWAY	500	30	30970	MIDWAY	230	30	1	0.69	1.09	-1190.29	270.47	1220.63 MVA	1120 MVA	2004SprPk_CVEC_afterB1	246
30060	MIDWAY	500	30	30970	MIDWAY	230	30	1	0.64	1.01	-1104.17	261.02	1134.6 MVA	1120 MVA	2004SprPk_CVEC_beforeB1	246
30060	MIDWAY	500	30	35003	MDWY 11M	14	30	11	0.65	1.35	-1102.99	256.58	1132.44 MVA	840 MVA	2004SprPk_CVEC_afterB1	258
30060	MIDWAY	500	30	35003	MDWY 11M	14	30	11	0.6	1.25	-1023.07	244.14	1051.8 MVA	840 MVA	2004SprPk_CVEC_beforeB1	258
No Violation																
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.05	200	105.59	226.16 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	506
No Violation																
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.05	200	105.6	226.17 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	507
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	110.49	228.49 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum	508
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	108.9	227.73 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	508
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	108.56	227.57 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum	509
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	107.21	226.92 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	509
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.07	200	112.16	229.3 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum	510
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.07	200	112.14	229.29 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	510
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	110.96	228.72 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum	512
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.05	200	106.44	226.56 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	512
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	111.33	228.9 MVA	215 MVA	2004SprPk_CVEC_afterB2_Renum	514
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.06	200	110.92	228.7 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	514
No Violation																
30528	DEC PTSG	230	30	33110	DEC CTG3	18	30	1	1.05	1.05	200	105.82	226.27 MVA	215 MVA	2004SprPk_CVEC_beforeB2_Renum	517
No Violation																

30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.02	1.03	150	36.72	154.43 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum	508
No Violation																
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.02	1.03	150	35.12	154.06 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum	509
No Violation																
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.02	1.04	150	42.47	155.9 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum	510
No Violation																
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.02	1.03	150	35.2	154.08 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum	511
No Violation																
30529	HIWD TAP	230	30	33177	HIWD HIT	35	30	1	1.02	1.03	150	35.93	154.24 MVA	150 MVA	2004SprPk_CVEC_beforeB2_Renum	514
30625	TESLA D	230	30	37585	TRCY PMP	230	30	1	0.78	1.1	424.3	56.38	1057.88 AMPS	964.93 AMPS	2004SprPk_CVEC_afterB2_Renum	512
30625	TESLA D	230	30	37585	TRCY PMP	230	30	1	0.7	1.02	391.74	104.84	987.68 AMPS	964.93 AMPS	2004SprPk_CVEC_beforeB2_Renum	512
30625	TESLA D	230	30	37585	TRCY PMP	230	30	2	0.78	1.1	424.3	56.38	1057.88 AMPS	964.93 AMPS	2004SprPk_CVEC_afterB2_Renum	512
30625	TESLA D	230	30	37585	TRCY PMP	230	30	2	0.7	1.02	391.74	104.84	987.68 AMPS	964.93 AMPS	2004SprPk_CVEC_beforeB2_Renum	512
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-430.26	51.27	1082.94 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	1
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.65	40.42	972.46 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	10
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.83	43.51	967.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	100
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.51	40.1	969.47 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	115
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.54	39.76	972.59 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	119
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.54	40.09	969.82 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	120
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.99	40	968.07 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	121
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.75	40.2	970.19 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	130
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.84	39.96	967.68 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	131
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-394.59	41.96	990.41 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	145
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.09	40.42	973.69 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	148
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.68	42.07	988.1 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	163
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.54	40.89	987.85 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	17
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.75	-584.14	89.23	1484.86 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	2
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.19	-401.02	41.84	1008.37 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	240
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-395.86	42.28	994.35 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	241
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.34	39.93	972.2 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	246
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-390.82	38.42	981.83 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	247
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.26	39.77	968.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	255
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.02	41.19	979.04 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	256
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.38	39.75	980.56 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	258
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.85	41.5	975.18 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	27
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.45	40.07	969.31 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	271
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-397.57	41.05	997.51 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	272
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.67	40.19	967.44 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	278
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.32	40.86	968.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	279
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.63	43.54	969.5 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	304
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.19	-400.91	42.78	1007.32 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	307
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.75	-584.14	89.23	1484.86 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	310
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-430.26	51.27	1082.94 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	311
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-396.01	43.15	994.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	312
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.18	-399.87	42.09	1004.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	313

No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-387.93	40.48	973.38 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	317
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.03	40.68	968.37 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	320
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.83	43.51	967.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	323
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.41	41.45	974.04 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	326
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.09	40.11	968.35 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	335
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.63	43.54	969.5 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	343
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.3	-385.79	42.86	966.99 AMPS	742.02 AMPS	2004SprPk_CVEC_afterB2_Renum	356
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.75	-584.14	89.23	1484.86 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	379
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-430.26	51.27	1082.94 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	380
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-396.01	43.15	994.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	381
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.18	-399.87	42.09	1004.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	382
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.92	40.49	970.93 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	387
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.2	-405.06	44.75	1017.23 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	388
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.02	41.34	974.46 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	389
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-418.24	48.52	1052.5 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	392
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-387.93	40.48	973.38 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	393
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.09	40.12	968.36 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	397
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.54	39.76	972.59 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	398
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.54	40.09	969.82 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	399
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.99	40	968.07 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	400
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.75	40.2	970.19 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	405
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.17	40.05	971.11 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	406
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.65	40.42	972.46 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	409
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.85	41.5	975.18 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	420
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.09	40.42	973.69 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	423
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-394.54	42.07	990.26 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	438
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.64	40.65	975.06 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	449
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.51	40.25	972.11 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	456
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.47	-495.93	71.4	1250.44 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	491
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.18	-400.08	49.39	1003.13 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	492
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.66	-557.39	84.27	1412.93 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	496
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.23	-416.33	50.26	1046.05 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	497
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-395.71	45.5	993.29 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	498
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.19	-400.91	42.78	1007.32 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	50
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.6	33.53	972.18 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	508
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.7	35.8	968.98 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	509
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-396.01	43.15	994.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	51
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.66	31.41	973.09 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	510

No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-394.66	32.4	993.93 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	514
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.17	36.23	980.64 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	517
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-394.67	37.16	992.64 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	518
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.27	37.94	970 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB2_Renum	519
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.18	-399.87	42.09	1004.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	52
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.92	40.49	970.93 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	57
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.2	-405.06	44.75	1017.23 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	58
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-420.04	48.04	1056.08 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	59
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.02	41.34	974.46 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	60
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.21	-409.81	44.33	1028.81 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	63
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-418.24	48.52	1052.5 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	64
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-387.93	40.48	973.38 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	90
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.7	41.98	969.81 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	94
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.03	40.68	968.37 AMPS	849.96 AMPS	2004SprPk_CVEC_afterB1	95
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-395.79	26.61	991.42 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB1	1
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-395.79	26.61	991.42 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	311
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-395.79	26.61	991.42 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	380
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	0.99	-384.68	24.64	963.57 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	392
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.48	-567.06	72.73	1434.19 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB1	47
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.25	-481.16	56.99	1207.43 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	494
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	0.99	-383.01	26.32	957.66 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	497
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.41	-541.02	68.35	1364.58 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB2_Renum	499
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-386.31	24.12	966.85 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB1	59
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	0.99	-384.68	24.64	963.57 AMPS	968.94 AMPS	2004SprPk_CVEC_afterB1	64
No Violation																
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	1	0.68	1.05	-165.96	-31.03	168.84 MVA	161.3 MVA	2004SprPk_CVEC_afterB2_Renum	292
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	1	0.69	1.04	-165.79	-28.73	168.26 MVA	161.3 MVA	2004SprPk_CVEC_beforeB2_Renum	292

30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.84	1.12	173.41	49.4	180.31 MVA	161.3 MVA	2004SprPk_CVEC_afterB2_Renum	291
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.85	1.12	173.25	49.79	180.27 MVA	161.3 MVA	2004SprPk_CVEC_beforeB2_Renum	291
30970	MIDWAY	230	30	35003	MDWY 11M	14	30	11	0.64	1.32	1106.86	-45.26	1107.78 MVA	840 MVA	2004SprPk_CVEC_afterB1	258
30970	MIDWAY	230	30	35003	MDWY 11M	14	30	11	0.59	1.22	1026.46	-62.55	1028.36 MVA	840 MVA	2004SprPk_CVEC_beforeB1	258
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.09	49.5	19.46	53.19 MVA	49 MVA	2004SprPk_CVEC_afterB2_Renum	508
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.08	49.5	19.2	53.09 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum	508
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.08	49.5	18.52	52.85 MVA	49 MVA	2004SprPk_CVEC_afterB2_Renum	509
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.08	49.5	18.27	52.76 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum	509
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.08	49.5	18.27	52.76 MVA	49 MVA	2004SprPk_CVEC_afterB2_Renum	510
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.08	49.5	18.99	53.02 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum	510
No Violation																
32218	DRUM	115	30	32454	DRUM 5	14	30	1	1.07	1.07	49.5	17.65	52.55 MVA	49 MVA	2004SprPk_CVEC_beforeB2_Renum	511
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.97	0.99	-50	23.41	55.21 MVA	56 MVA	2004SprPk_CVEC_afterB2_Renum	262
No Violation																
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.97	0.99	-50	23.31	55.17 MVA	56 MVA	2004SprPk_CVEC_afterB2_Renum	316
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.98	0.99	-50	24.17	55.53 MVA	56 MVA	2004SprPk_CVEC_beforeB2_Renum	316
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.97	0.99	-50	23.34	55.18 MVA	56 MVA	2004SprPk_CVEC_afterB2_Renum	340
No Violation																
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.97	0.99	-50	23.31	55.17 MVA	56 MVA	2004SprPk_CVEC_afterB1	89
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.98	0.99	-50	24.17	55.53 MVA	56 MVA	2004SprPk_CVEC_beforeB1	89
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.39	1.09	-56.89	32.44	65.48 MVA	60 MVA	2004SprPk_CVEC_afterB1	92
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.07	-56.88	29.64	64.14 MVA	60 MVA	2004SprPk_CVEC_beforeB1	92
34146	MERCED M	115	30	34202	MERCED	70	30	2	0.38	0.99	56.89	-16.44	59.22 MVA	60 MVA	2004SprPk_CVEC_afterB1	92
34146	MERCED M	115	30	34202	MERCED	70	30	2	0.36	0.97	56.88	-13.61	58.48 MVA	60 MVA	2004SprPk_CVEC_beforeB1	92
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.47	1.36	-56.89	17.11	512.28 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB1	92

34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.45	1.36	-56.88	14.25	512.6 AMPS	377.75 AMPS	2004SprPk_CVEC_beforeB1	92
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.45	1.33	62.05	-6.96	505.67 AMPS	379.4 AMPS	2004SprPk_CVEC_afterB1	92
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.42	1.33	62.06	-4.07	505.16 AMPS	379.4 AMPS	2004SprPk_CVEC_beforeB1	92
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.34	1.58	-54.07	7.26	441.82 AMPS	280.43 AMPS	2004SprPk_CVEC_afterB1	92
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.31	1.58	-54.06	5.99	441.85 AMPS	280.43 AMPS	2004SprPk_CVEC_beforeB1	92
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.05	52.72	-5.15	395.82 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB1	2
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.05	52.72	-5.15	395.82 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB2_Renum	310
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.05	52.72	-5.15	395.82 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB2_Renum	379
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.09	54.7	-5.99	411.41 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB1	47
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.02	44.03	-5.69	331.56 AMPS	324.97 AMPS	2004SprPk_CVEC_afterB2_Renum	484
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1	50.53	-4.85	378.96 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB2_Renum	496
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.04	52.41	-5.67	393.7 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB2_Renum	499
No Violation																
34475	AGRCJCT	70	30	34484	KERMAN	70	30	1	0.66	1.16	57.6	-6.76	438.54 AMPS	379.4 AMPS	2004SprPk_CVEC_afterB2_Renum	492
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	1.02	50.25	-9.28	386.79 AMPS	377.75 AMPS	2004SprPk_CVEC_afterB1	47
No Violation																
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB1	10

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.47	16.77 MVA	14 MVA	2004SprPk_CVEC_afterB1	100
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.61	18.76 MVA	14 MVA	2004SprPk_CVEC_beforeB1	100
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	104
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.35	16.66 MVA	14 MVA	2004SprPk_CVEC_afterB1	126
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB1	126
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB1	131
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.43	16.73 MVA	14 MVA	2004SprPk_CVEC_afterB1	141
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.53	18.69 MVA	14 MVA	2004SprPk_CVEC_beforeB1	141
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.35	16.66 MVA	14 MVA	2004SprPk_CVEC_afterB1	145
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.33	16.64 MVA	14 MVA	2004SprPk_CVEC_afterB1	156
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.46	18.62 MVA	14 MVA	2004SprPk_CVEC_beforeB1	156
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.75	18.89 MVA	14 MVA	2004SprPk_CVEC_beforeB1	158
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.74	17.02 MVA	14 MVA	2004SprPk_CVEC_afterB1	163
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.29	16.6 MVA	14 MVA	2004SprPk_CVEC_afterB1	164
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.42	18.58 MVA	14 MVA	2004SprPk_CVEC_beforeB1	164
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB1	168
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	171
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	171
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.38	16.69 MVA	14 MVA	2004SprPk_CVEC_afterB1	174
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.49	18.65 MVA	14 MVA	2004SprPk_CVEC_beforeB1	174

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.46	16.76 MVA	14 MVA	2004SprPk_CVEC_afterB1	180
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB1	180
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	181
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	181
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB1	185
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.36	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeB1	185
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB1	186
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	186
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.44	16.74 MVA	14 MVA	2004SprPk_CVEC_afterB1	188
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeB1	188
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	189
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	189
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.43	16.73 MVA	14 MVA	2004SprPk_CVEC_afterB1	191
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeB1	191
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.7 MVA	14 MVA	2004SprPk_CVEC_afterB1	192
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeB1	192
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.7 MVA	14 MVA	2004SprPk_CVEC_afterB1	193
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.68 MVA	14 MVA	2004SprPk_CVEC_beforeB1	193
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.56 MVA	14 MVA	2004SprPk_CVEC_afterB1	194
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.34	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeB1	194
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.52	16.82 MVA	14 MVA	2004SprPk_CVEC_afterB1	20
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.73	18.87 MVA	14 MVA	2004SprPk_CVEC_beforeB1	20
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB1	211
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB1	211
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB1	221
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB1	222
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeB1	222
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.44	16.74 MVA	14 MVA	2004SprPk_CVEC_afterB1	224
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.53	18.69 MVA	14 MVA	2004SprPk_CVEC_beforeB1	224
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.37	16.68 MVA	14 MVA	2004SprPk_CVEC_afterB1	230
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.5	18.66 MVA	14 MVA	2004SprPk_CVEC_beforeB1	230
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.3	16.61 MVA	14 MVA	2004SprPk_CVEC_afterB1	251
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.43	18.59 MVA	14 MVA	2004SprPk_CVEC_beforeB1	251
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	252
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB1	252
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB1	253
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB1	253
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB1	254
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.49	18.64 MVA	14 MVA	2004SprPk_CVEC_beforeB1	254
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	255
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.56	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB1	255
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.06	17.32 MVA	14 MVA	2004SprPk_CVEC_afterB1	26
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.94	19.07 MVA	14 MVA	2004SprPk_CVEC_beforeB1	26
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.59	16.88 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	261
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	261
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.52	16.82 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	262
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	266
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	266

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.82	17.09 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	268
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	268
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.45	16.75 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	269
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.43	18.59 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	269
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.54	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeB1	27
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	273
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.73	17 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	279
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.96	19.09 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	279
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	282
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.53	16.83 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	287
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.66	18.81 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	287
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.43	16.74 MVA	14 MVA	2004SprPk_CVEC_afterB1	29
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.5	18.66 MVA	14 MVA	2004SprPk_CVEC_beforeB1	29
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.43	16.73 MVA	14 MVA	2004SprPk_CVEC_afterB1	3
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeB1	3
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	304
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	304
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.46	16.76 MVA	14 MVA	2004SprPk_CVEC_afterB1	31
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.64	18.79 MVA	14 MVA	2004SprPk_CVEC_beforeB1	31
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	313
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.76	17.04 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	314
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.83	18.97 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	314

No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.39	18.55 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	316
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.6	16.88 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	319
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.61	18.76 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	319
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.47	16.77 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	322
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	322
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.47	16.77 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	323
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.61	18.76 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	323
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.58	16.87 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	325
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.77	18.91 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	325
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	326
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	329
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.3	16.61 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	340
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	343
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	343
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.79	17.07 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	344
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.81	18.95 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	344
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.42	16.72 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	345
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	345
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.59	16.88 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	346
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	346
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	348

No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	349
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	350
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	351
No Violation																
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	352
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.67	16.95 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	354
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.72	18.87 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	354
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.63	16.92 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	355
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	355
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.79	17.07 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	356
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.81	18.95 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	356
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.57	16.86 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	361
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.61	18.76 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	361
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.34	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeB1	37
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB1	38
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.55 MVA	14 MVA	2004SprPk_CVEC_beforeB1	38
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	382
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.28	-6.47	16.68	17.89 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	383
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.65	18.79 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	383

No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	388
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.07	17.32 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	390
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.7	18.85 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	390
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.62	16.91 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	391
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	40
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.36	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB1	40
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.72 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	401
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	401
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.35	16.66 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	402
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	402
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	403
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.55 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	403
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.34	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	404
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	406
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	409
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.62	16.9 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	413
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.48	18.64 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	413
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	417
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	417
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.54	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	420

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.06	17.32 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	421
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.94	19.07 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	421
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.43	16.74 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	424
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.5	18.66 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	424
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.37	16.67 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	429
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.51	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	429
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.33	16.64 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	430
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.46	18.62 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	430
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.38	16.69 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	432
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.48	18.64 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	432
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.69	18.83 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	433
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.61	18.76 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	435
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.74	17.01 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	438
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.29	-6.47	16.87	18.07 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	442
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.91	19.04 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	442
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.82	17.09 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	446
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	446
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	449
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.35	16.66 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	451
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	451
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	453

No Violation

No Violation

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.34	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	456
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.45	16.75 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	457
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.43	18.59 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	457
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.82	17.09 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	458
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	458
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.29	-6.47	16.87	18.07 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	460
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.91	19.04 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	460
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.55	16.84 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	463
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	463
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.58	16.87 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	464
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	464
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.58	16.87 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	465
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	465
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.47	16.77 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	466
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.45	18.61 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	466
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.49	16.79 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	467
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.49	18.65 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	467
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.45	16.75 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	468
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.43	18.59 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	468
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	469
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	469
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.58 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	470
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	470

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.29	-6.47	16.86	18.06 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	471
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.42	-6.47	18.83	19.91 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	471
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.37	16.68 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	472
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.43	18.59 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	472
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	473
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	473
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	474
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	474
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.35	16.66 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	475
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	475
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.29	16.6 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	477
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	477
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.45	16.75 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	479
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.49	18.65 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	479
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	480
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.57 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	481
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.33	-6.47	17.47	18.63 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	484
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.42	-6.47	18.83	19.91 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	484
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.51	16.81 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	487
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.46	18.62 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	487
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.3	-6.47	16.96	18.15 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	490
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.39	-6.47	18.32	19.42 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	490
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.34	16.65 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	491
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.8	18.94 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	491

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.25	-6.47	16.19	17.43 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	492
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.76	18.9 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	492
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.11	17.36 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	493
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.64	18.79 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	493
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.31	16.62 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	494
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.5	18.66 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	494
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.48	16.78 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	495
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.79	18.93 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	495
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	497
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.76	17.04 MVA	14 MVA	2004SprPk_CVEC_afterB1	5
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.83	18.97 MVA	14 MVA	2004SprPk_CVEC_beforeB1	5
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.56	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	503
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.37	16.67 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	504
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.46	18.62 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	504
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.43	16.73 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	505
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.71 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	505
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.71 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	512
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeB1	52
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.53	16.82 MVA	14 MVA	2004SprPk_CVEC_afterB2_Renum	521
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.7	18.85 MVA	14 MVA	2004SprPk_CVEC_beforeB2_Renum	521
No Violation																

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeB1	58
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.07	17.32 MVA	14 MVA	2004SprPk_CVEC_afterB1	61
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.7	18.85 MVA	14 MVA	2004SprPk_CVEC_beforeB1	61
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.62	16.91 MVA	14 MVA	2004SprPk_CVEC_afterB1	62
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.51	16.8 MVA	14 MVA	2004SprPk_CVEC_afterB1	7
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.62	18.77 MVA	14 MVA	2004SprPk_CVEC_beforeB1	7
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.64	16.93 MVA	14 MVA	2004SprPk_CVEC_afterB1	78
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.79	18.93 MVA	14 MVA	2004SprPk_CVEC_beforeB1	78
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterB1	79
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeB1	79
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.39	18.55 MVA	14 MVA	2004SprPk_CVEC_beforeB1	89
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.72 MVA	14 MVA	2004SprPk_CVEC_afterB1	9
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.41	18.57 MVA	14 MVA	2004SprPk_CVEC_beforeB1	9
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.5	16.8 MVA	14 MVA	2004SprPk_CVEC_afterB1	92
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.46	16.76 MVA	14 MVA	2004SprPk_CVEC_afterB1	94
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.75 MVA	14 MVA	2004SprPk_CVEC_beforeB1	94
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.47	16.77 MVA	14 MVA	2004SprPk_CVEC_afterB1	99
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeB1	99
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	12.03	35.13 MVA	35 MVA	2004SprPk_CVEC_afterB1	179
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.82	34.73 MVA	35 MVA	2004SprPk_CVEC_beforeB1	179
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.15	34.83 MVA	35 MVA	2004SprPk_CVEC_afterB1	205
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.86	34.44 MVA	35 MVA	2004SprPk_CVEC_beforeB1	205

34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	11.04	34.8 MVA	35 MVA	2004SprPk_CVEC_afterB1	242
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.75	34.41 MVA	35 MVA	2004SprPk_CVEC_beforeB1	242
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	11.04	34.8 MVA	35 MVA	2004SprPk_CVEC_afterB1	244
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.75	34.41 MVA	35 MVA	2004SprPk_CVEC_beforeB1	244
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.28	35.21 MVA	35 MVA	2004SprPk_CVEC_afterB1	246
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.99	34.78 MVA	35 MVA	2004SprPk_CVEC_beforeB1	246
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.02	33	13.81	35.77 MVA	35 MVA	2004SprPk_CVEC_afterB1	258
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.01	33	12.51	35.29 MVA	35 MVA	2004SprPk_CVEC_beforeB1	258
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	282
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	282
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.02	33	13.69	35.73 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	283
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.01	33	12.42	35.26 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	283
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	14.95	36.23 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	284
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.02	33	13.68	35.72 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	284
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	288
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.02	33	13.84	35.79 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	288
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.16	34.84 MVA	35 MVA	2004SprPk_CVEC_afterB1	31
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.97	34.47 MVA	35 MVA	2004SprPk_CVEC_beforeB1	31
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.97	34.78 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	508
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.82	34.43 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	508
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.2	34.85 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	510
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.17	34.53 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	510
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.97	34.78 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	514
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.96	34.47 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	514
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.57	34.97 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	518
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.32	34.58 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	518

34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.66	35.35 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	519
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.55	34.96 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	519
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.88	34.75 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	520
No Violation																
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.96	35.1 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	521
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.69	34.69 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	521
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.95	35.1 MVA	35 MVA	2004SprPk_CVEC_afterB2_Renum	523
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.64	34.67 MVA	35 MVA	2004SprPk_CVEC_beforeB2_Renum	523
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.24	34.86 MVA	35 MVA	2004SprPk_CVEC_afterB1	67
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.09	34.51 MVA	35 MVA	2004SprPk_CVEC_beforeB1	67
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.91	34.76 MVA	35 MVA	2004SprPk_CVEC_afterB1	71
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.73	34.4 MVA	35 MVA	2004SprPk_CVEC_beforeB1	71
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.91	34.76 MVA	35 MVA	2004SprPk_CVEC_afterB1	72
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.73	34.4 MVA	35 MVA	2004SprPk_CVEC_beforeB1	72
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.03	33	14.4	36 MVA	35 MVA	2004SprPk_CVEC_afterB1	75
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.01	33	13.13	35.52 MVA	35 MVA	2004SprPk_CVEC_beforeB1	75
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.95	35.45 MVA	35 MVA	2004SprPk_CVEC_afterB1	76
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.68	35 MVA	35 MVA	2004SprPk_CVEC_beforeB1	76
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.67	35.35 MVA	35 MVA	2004SprPk_CVEC_afterB1	77
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.4	34.92 MVA	35 MVA	2004SprPk_CVEC_beforeB1	77
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.86	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_afterB2_Renum	508
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.65	0.84	0	36.27	36.27 MVA	43 MVA	2004SprPk_CVEC_beforeB2_Renum	508
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.86	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_afterB2_Renum	510
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.65	0.93	0	40.05	40.05 MVA	43 MVA	2004SprPk_CVEC_beforeB2_Renum	510
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.86	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_afterB2_Renum	512

36217	PSWTSTCM	8	30	36218	M	115	30	1	0.65	0.76	0	32.48	32.48 MVA	43 MVA	2004SprPk_CVEC_beforeB2_Renum	512
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.86	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_afterB2_Renum	514
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.65	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_beforeB2_Renum	514
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.86	1	0	43	43 MVA	43 MVA	2004SprPk_CVEC_afterB2_Renum	517
36217	PSWTSTCM	8	30	36218	M	115	30	1	0.65	0.85	0	36.35	36.35 MVA	43 MVA	2004SprPk_CVEC_beforeB2_Renum	517

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	0.48	1.54	1425.15	153.4	1433.38 MVA	933 MVA	2004SprPk_CVEC_afterC	109
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.51	38.48	988.19 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	103
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.19	-401.39	42.87	1008.3 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	104
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-428.17	50.8	1077.48 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	105
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-387.96	41.25	974.22 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	106
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.98	40.46	971.03 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	107
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-396.26	42.64	996.37 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	108
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.14	40.8	984.21 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	11
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.15	42.18	983.8 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	110
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.39	-468.47	60.27	1183.78 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	12
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.84	39.95	967.91 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	121
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.51	43.6	977.24 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	123
No Violation																

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.82	39.84	967.68 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	124	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.79	39.77	967.84 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	126	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.52	39.62	967.26 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	127	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.52	41.87	969.37 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	129	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.88	-626.27	102.47	1596.84 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	13	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.44	40.79	967.35 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	137	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.92	42.54	981.03 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	139	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.94	40.77	970.68 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	141	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.11	40.38	976.31 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	143	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.13	40.27	971.25 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	144	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.57	40.62	980.12 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	146	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.22	40.25	971.42 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	149	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.95	-650.11	110.14	1660.28 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	15	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.14	40.14	968.6 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	151	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.34	40.61	977.02 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	152	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-391.54	40.89	982.81 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	153	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.82	40.79	978.4 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	154	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.66	39.63	984.31 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	155	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.34	40.64	984.81 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	156	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.23	40.83	987.02 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	157	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-391.08	39.46	980.57 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	158	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.82	40.81	978.15 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	159	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.3	-437.74	53.47	1102.46 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	16	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.77	40.29	967.71 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	160	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-390.03	41.2	979.06 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	161	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.76	40.15	967.65 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	165	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.19	-403.09	42.71	1011.93 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	166	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.93	40.38	968.3 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	167	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.33	40.13	969.31 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	168	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.44	40.2	969.42 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	169	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.59	40.26	974.83 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	170	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-387.07	40.08	970.9 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	171	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.08	40.17	968.5 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	172	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.32	40.86	968.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	176	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-394.54	42.07	990.26 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	179	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.48	-497.21	67.61	1257.43 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	18	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.84	44.43	985.26 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	181	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-385.93	40.23	968.19 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	185	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.25	-423.06	47.24	1063.64 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	19	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.58	40.25	969.7 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	2	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.25	-422.12	47.94	1062 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	23	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-428.08	50.4	1076.99 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	24	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.21	-408.94	45.62	1027.61 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	25	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.2	-403.3	44.46	1015.88 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	26	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.73	42.67	988.07 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	28	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-392.36	42.04	984.22 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	32	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.56	42.5	987.74 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	33	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.41	42.71	987.56 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	34	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.05	40.01	968.18 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	4	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-393.54	40.89	987.85 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	5	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.04	40.68	968.39 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	56	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.65	43.21	974.48 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	61	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-419.93	46.42	1057.16 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	62	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-418.58	45.55	1053 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	63	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.27	-427.53	46.15	1078.36 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	64	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-419.37	45.01	1057.04 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	65	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-395.35	39.36	993.6 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	66	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.62	-540.49	56.04	1376.42 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	69	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-389.71	40.93	977.82 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	7	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-419.28	48.31	1054.03 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	71	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.18	-398.67	43.58	999.59 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	72	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.17	-396.5	44.44	993.28 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	73	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.2	-404.88	46.53	1016.79 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	76	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.24	-418.2	47.94	1052.01 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	77	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.16	-391.72	39.7	981.98 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	9	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.15	-388.26	40.32	974.03 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	95	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	1	1.3	1.14	-386.27	39.82	968.48 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	96	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-393.86	26.27	986.43 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	105	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.12	-431.13	33.09	1083.7 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	12	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.04	-402.74	28.28	1009.28 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	16	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.76	-670.26	107.41	1709.18 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	17	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.19	-457.74	38.47	1151.1 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	18	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-389.03	23.25	973.77 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	19	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-388.2	23.94	972.26 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	23	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-393.76	25.91	985.98 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	24	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-386.12	22.65	967.84 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	62	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	0.99	-384.86	21.91	964.03 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	63	No Violation
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.02	-393.06	22.05	987.24 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	64	No Violation

30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-385.55	21.39	967.74 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	65
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1.36	-519.47	50.55	1313.66 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	70
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	1	-385.62	24.4	964.97 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	71
No Violation																
30790	PANOCHE	230	30	30873	HELM	230	30	2	1.11	0.99	-384.62	24.11	963.12 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	77
No Violation																
30825	MCMULLN1	230	30	30830	KEARNEY	230	30	1	0.49	1.27	495.85	1.01	1235.05 AMPS	974.97 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
30825	MCMULLN1	230	30	30873	HELM	230	30	1	0.52	1.29	505.5	32.33	1247.56 AMPS	968.94 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
30830	KEARNEY	230	30	30835	HERNDON	230	30	1	0.42	1.19	458.78	-39.73	1156.64 AMPS	974.97 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
30873	HELM	230	30	30875	MC CALL	230	30	1	0.31	1.17	402.31	23.48	992.56 AMPS	849.96 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.84	1.05	161.11	53.65	169.81 MVA	161.3 MVA	2004SprPk_CVEC_afterC	85
30930	MESA PGE	230	30	36256	MESA_PGE	115	30	2	0.85	1.05	160.97	51.53	169.02 MVA	161.3 MVA	2004SprPk_CVEC_beforeC	85
34100	CHWCHLLA	115	30	34105	CERTANJ1	115	30	1	0.08	1.24	93.09	-37.68	493.75 AMPS	396.61 AMPS	2004SprPk_CVEC_afterC	6
34100	CHWCHLLA	115	30	34105	CERTANJ1	115	30	1	0.11	1.25	93.08	-38.13	493.95 AMPS	396.61 AMPS	2004SprPk_CVEC_beforeC	6
34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.64	1.73	126.06	-59.28	684.39 AMPS	396.61 AMPS	2004SprPk_CVEC_afterC	6
34101	CERTAN T	115	30	34116	LE GRAND	115	30	1	0.53	1.73	126.05	-60.28	685.6 AMPS	396.61 AMPS	2004SprPk_CVEC_beforeC	6
34105	CERTANJ1	115	30	34121	SHARON T	115	30	1	0.08	1.24	-93.09	37.68	493.76 AMPS	396.61 AMPS	2004SprPk_CVEC_afterC	6
34105	CERTANJ1	115	30	34121	SHARON T	115	30	1	0.11	1.25	-93.08	38.13	493.93 AMPS	396.61 AMPS	2004SprPk_CVEC_beforeC	6
No Violation																
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.98	0.99	-50	23.63	55.3 MVA	56 MVA	2004SprPk_CVEC_beforeC	158

No Violation																
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.98	0.99	-50	23.62	55.3 MVA	56 MVA	2004SprPk_CVEC_beforeC	38
No Violation																
34109	CHWCGN	115	30	34301	CHOWCOGN	14	30	1	0.98	0.99	-50	23.72	55.34 MVA	56 MVA	2004SprPk_CVEC_beforeC	9
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.09	86.49	6.73	433.25 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	103
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.69	1.02	81.71	6.72	408.04 AMPS	398.12 AMPS	2004SprPk_CVEC_beforeC	103
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.13	89.9	-19.23	448.81 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	33
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.69	0.8	64.05	-14.45	318.04 AMPS	398.12 AMPS	2004SprPk_CVEC_beforeC	33
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.48	111.01	-46.03	588.16 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	6
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.69	1.42	106.31	-45.95	565.76 AMPS	398.12 AMPS	2004SprPk_CVEC_beforeC	6
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.01	80	-20.57	401.54 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	62
No Violation																
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.01	80.05	-20.39	401.43 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	63
No Violation																
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.84	1.12	89.19	6.34	447.07 AMPS	398.12 AMPS	2004SprPk_CVEC_afterC	66
34116	LE GRAND	115	30	34136	WILSON B	115	30	1	0.69	1.06	84.42	6.38	421.89 AMPS	398.12 AMPS	2004SprPk_CVEC_beforeC	66
34121	SHARON T	115	30	34128	OAKH_JCT	115	30	1	0.2	1.31	-101.62	30.34	520.65 AMPS	396.61 AMPS	2004SprPk_CVEC_afterC	6
34121	SHARON T	115	30	34128	OAKH_JCT	115	30	1	0.16	1.31	-101.62	30.78	520.67 AMPS	396.61 AMPS	2004SprPk_CVEC_beforeC	6
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.39	1.07	-56.87	29.34	64 MVA	60 MVA	2004SprPk_CVEC_afterC	122
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.07	-56.88	29.62	64.13 MVA	60 MVA	2004SprPk_CVEC_beforeC	122
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.39	1.07	-56.88	29.78	64.2 MVA	60 MVA	2004SprPk_CVEC_afterC	123
34144	MERCED	115	30	34146	MERCED M	115	30	2	0.37	1.07	-56.88	30.08	64.35 MVA	60 MVA	2004SprPk_CVEC_beforeC	123
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.47	1.36	-56.87	13.94	512.84 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	122
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.45	1.36	-56.88	14.24	512.56 AMPS	377.75 AMPS	2004SprPk_CVEC_beforeC	122
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.47	1.36	-56.88	14.4	512.54 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	123
34202	MERCED	70	30	34230	MRCDFLLS	70	30	1	0.45	1.36	-56.88	14.71	512.47 AMPS	377.75 AMPS	2004SprPk_CVEC_beforeC	123

34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.45	1.33	62.06	-3.74	505.31 AMPS	379.4 AMPS	2004SprPk_CVEC_afterC	122
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.42	1.33	62.06	-4.07	505.1 AMPS	379.4 AMPS	2004SprPk_CVEC_beforeC	122
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.45	1.33	62.06	-4.2	505.12 AMPS	379.4 AMPS	2004SprPk_CVEC_afterC	123
34230	MRCDFLLS	70	30	34321	MCSWAINJ	70	30	1	0.42	1.33	62.06	-4.53	505.21 AMPS	379.4 AMPS	2004SprPk_CVEC_beforeC	123
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.34	1.58	-54.06	5.67	441.82 AMPS	280.43 AMPS	2004SprPk_CVEC_afterC	122
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.31	1.58	-54.07	5.96	441.78 AMPS	280.43 AMPS	2004SprPk_CVEC_beforeC	122
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.34	1.58	-54.06	6.08	441.84 AMPS	280.43 AMPS	2004SprPk_CVEC_afterC	123
34232	EXCHEQUR	70	30	34321	MCSWAINJ	70	30	1	0.31	1.58	-54.07	6.21	441.83 AMPS	280.43 AMPS	2004SprPk_CVEC_beforeC	123
34240	GLASS	70	30	34252	MADERA	70	30	1	0.45	1.13	-49.08	-14.62	425.91 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	167
34240	GLASS	70	30	34252	MADERA	70	30	1	0.52	1.13	-49.08	-14.6	425.1 AMPS	377.75 AMPS	2004SprPk_CVEC_beforeC	167
34264	EL PECO	70	30	34466	BIOLA	70	30	1	0.21	1	-41.9	-6.23	377.94 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	138
34264	EL PECO	70	30	34466	BIOLA	70	30	1	0.1	1	-41.91	-6.31	379.33 AMPS	377.75 AMPS	2004SprPk_CVEC_beforeC	138
34268	MENDOTA	70	30	34269	BIOMSJCT	70	30	1	0.69	1.28	59.31	-21.63	504.87 AMPS	395.9 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
34466	BIOLA	70	30	34482	OLDKERN	70	30	1	0.36	1.11	-49.92	-9.15	439.4 AMPS	395.9 AMPS	2004SprPk_CVEC_afterC	138
34466	BIOLA	70	30	34482	OLDKERN	70	30	1	0.26	1.11	-49.94	-9.24	440.96 AMPS	395.9 AMPS	2004SprPk_CVEC_beforeC	138
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.01	50.42	-6.01	380.39 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	12
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.15	57.89	-6.24	435.22 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	13
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	2.13	106.7	-12.23	805.5 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.16	58.36	-5.96	437.9 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	15
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.21	60.79	-6.59	456.47 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	17
No Violation																

34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.06	53.09	-3.82	399.1 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	69
No Violation																
34474	HELM	70	30	34556	STRD JCT	70	30	1	0.91	1.09	54.72	-4.36	411.62 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	70
No Violation																
34475	AGRCJCT	70	30	34484	KERMAN	70	30	1	0.66	1.01	50.36	-3.76	382.51 AMPS	379.4 AMPS	2004SprPk_CVEC_afterC	17
No Violation																
34475	AGRCJCT	70	30	34484	KERMAN	70	30	1	0.66	1.03	51.3	-4.71	389.69 AMPS	379.4 AMPS	2004SprPk_CVEC_afterC	18
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	1.09	53.34	-9.75	410.58 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	13
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	2.07	99.67	-20.72	781.07 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	14
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	1.09	53.79	-9.5	413.2 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	15
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	1.14	56.13	-10.3	431.87 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	17
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	0.99	48.69	-7	373.8 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	69
No Violation																
34556	STRD JCT	70	30	34562	SCHLNDLR	70	30	1	0.84	1.02	50.27	-7.66	386.45 AMPS	377.75 AMPS	2004SprPk_CVEC_afterC	70
No Violation																
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.44	18.6 MVA	14 MVA	2004SprPk_CVEC_beforeC	1
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.36	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeC	101
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.36	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeC	104

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.15	17.39 MVA	14 MVA	2004SprPk_CVEC_afterC	109
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.4	16.71 MVA	14 MVA	2004SprPk_CVEC_afterC	110
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.73	18.88 MVA	14 MVA	2004SprPk_CVEC_beforeC	110
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.56 MVA	14 MVA	2004SprPk_CVEC_afterC	115
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.34	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeC	115
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.5	16.8 MVA	14 MVA	2004SprPk_CVEC_afterC	123
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.63	18.78 MVA	14 MVA	2004SprPk_CVEC_beforeC	123
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.43	16.74 MVA	14 MVA	2004SprPk_CVEC_afterC	129
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.74 MVA	14 MVA	2004SprPk_CVEC_beforeC	129
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.81	17.08 MVA	14 MVA	2004SprPk_CVEC_afterC	142
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeC	142
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.48	16.78 MVA	14 MVA	2004SprPk_CVEC_afterC	145
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.73 MVA	14 MVA	2004SprPk_CVEC_beforeC	145
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.44	16.74 MVA	14 MVA	2004SprPk_CVEC_afterC	150
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.42	18.58 MVA	14 MVA	2004SprPk_CVEC_beforeC	150
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.29	16.61 MVA	14 MVA	2004SprPk_CVEC_afterC	155
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.69	18.83 MVA	14 MVA	2004SprPk_CVEC_beforeC	155
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.73	18.88 MVA	14 MVA	2004SprPk_CVEC_beforeC	158
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.69 MVA	14 MVA	2004SprPk_CVEC_afterC	164
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.47	18.63 MVA	14 MVA	2004SprPk_CVEC_beforeC	164
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.32	16.63 MVA	14 MVA	2004SprPk_CVEC_afterC	166
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.56 MVA	14 MVA	2004SprPk_CVEC_afterC	174
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.36	18.53 MVA	14 MVA	2004SprPk_CVEC_beforeC	174

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.73	17 MVA	14 MVA	2004SprPk_CVEC_afterC	176
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.96	19.09 MVA	14 MVA	2004SprPk_CVEC_beforeC	176
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.74	17.01 MVA	14 MVA	2004SprPk_CVEC_afterC	179
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.29	16.6 MVA	14 MVA	2004SprPk_CVEC_afterC	182
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.42	18.58 MVA	14 MVA	2004SprPk_CVEC_beforeC	182
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterC	191
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.37	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeC	191
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.67	16.96 MVA	14 MVA	2004SprPk_CVEC_afterC	195
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.93	19.07 MVA	14 MVA	2004SprPk_CVEC_beforeC	195
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterC	201
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.53	18.69 MVA	14 MVA	2004SprPk_CVEC_beforeC	201
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterC	202
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.53	18.69 MVA	14 MVA	2004SprPk_CVEC_beforeC	202
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.69 MVA	14 MVA	2004SprPk_CVEC_afterC	203
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeC	203
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.72 MVA	14 MVA	2004SprPk_CVEC_afterC	204
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeC	204
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.27	-6.47	16.52	17.74 MVA	14 MVA	2004SprPk_CVEC_afterC	21
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.42	18.58 MVA	14 MVA	2004SprPk_CVEC_beforeC	21
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.31	16.62 MVA	14 MVA	2004SprPk_CVEC_afterC	224
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.4	18.56 MVA	14 MVA	2004SprPk_CVEC_beforeC	224
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.5	16.8 MVA	14 MVA	2004SprPk_CVEC_afterC	225
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.59	18.75 MVA	14 MVA	2004SprPk_CVEC_beforeC	225
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.56	16.85 MVA	14 MVA	2004SprPk_CVEC_afterC	226
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.65	18.8 MVA	14 MVA	2004SprPk_CVEC_beforeC	226

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.3	16.62 MVA	14 MVA	2004SprPk_CVEC_afterC	227
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.55 MVA	14 MVA	2004SprPk_CVEC_beforeC	227
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.7 MVA	14 MVA	2004SprPk_CVEC_afterC	229
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.67 MVA	14 MVA	2004SprPk_CVEC_beforeC	229
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.39	16.7 MVA	14 MVA	2004SprPk_CVEC_afterC	234
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.48	18.64 MVA	14 MVA	2004SprPk_CVEC_beforeC	234
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.26	-6.47	16.39	17.63 MVA	14 MVA	2004SprPk_CVEC_afterC	27
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.54	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeC	27
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.28	16.59 MVA	14 MVA	2004SprPk_CVEC_afterC	28
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.33	18.5 MVA	14 MVA	2004SprPk_CVEC_beforeC	28
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.33	16.64 MVA	14 MVA	2004SprPk_CVEC_afterC	29
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.39	18.56 MVA	14 MVA	2004SprPk_CVEC_beforeC	29
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.55	16.84 MVA	14 MVA	2004SprPk_CVEC_afterC	30
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.42	18.58 MVA	14 MVA	2004SprPk_CVEC_beforeC	30
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.53	16.82 MVA	14 MVA	2004SprPk_CVEC_afterC	31
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.59 MVA	14 MVA	2004SprPk_CVEC_afterC	32
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.68	18.83 MVA	14 MVA	2004SprPk_CVEC_beforeC	32
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.5	18.66 MVA	14 MVA	2004SprPk_CVEC_beforeC	34
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.25	-6.47	16.26	17.5 MVA	14 MVA	2004SprPk_CVEC_afterC	35
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.38	-6.47	18.26	19.37 MVA	14 MVA	2004SprPk_CVEC_beforeC	35
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.55	16.84 MVA	14 MVA	2004SprPk_CVEC_afterC	36
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.57	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeC	36
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.61	16.9 MVA	14 MVA	2004SprPk_CVEC_afterC	37
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.62	18.77 MVA	14 MVA	2004SprPk_CVEC_beforeC	37

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.74	17.01 MVA	14 MVA	2004SprPk_CVEC_afterC	38
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.82	18.96 MVA	14 MVA	2004SprPk_CVEC_beforeC	38
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.63	16.92 MVA	14 MVA	2004SprPk_CVEC_afterC	39
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.67	18.82 MVA	14 MVA	2004SprPk_CVEC_beforeC	39
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.52 MVA	14 MVA	2004SprPk_CVEC_beforeC	4
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.85	17.12 MVA	14 MVA	2004SprPk_CVEC_afterC	40
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.89	19.02 MVA	14 MVA	2004SprPk_CVEC_beforeC	40
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.61	16.9 MVA	14 MVA	2004SprPk_CVEC_afterC	41
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.65	18.8 MVA	14 MVA	2004SprPk_CVEC_beforeC	41
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.56	16.86 MVA	14 MVA	2004SprPk_CVEC_afterC	42
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.56	18.72 MVA	14 MVA	2004SprPk_CVEC_beforeC	42
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.22	-6.47	15.85	17.12 MVA	14 MVA	2004SprPk_CVEC_afterC	43
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.91	19.05 MVA	14 MVA	2004SprPk_CVEC_beforeC	43
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.23	-6.47	15.9	17.16 MVA	14 MVA	2004SprPk_CVEC_afterC	44
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.93	19.06 MVA	14 MVA	2004SprPk_CVEC_beforeC	44
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.24	-6.47	16.07	17.32 MVA	14 MVA	2004SprPk_CVEC_afterC	47
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.87	19.01 MVA	14 MVA	2004SprPk_CVEC_beforeC	47
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.25	-6.47	16.23	17.47 MVA	14 MVA	2004SprPk_CVEC_afterC	48
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.91	19.05 MVA	14 MVA	2004SprPk_CVEC_beforeC	48
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.25	-6.47	16.33	17.56 MVA	14 MVA	2004SprPk_CVEC_afterC	49
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.37	-6.47	18.04	19.17 MVA	14 MVA	2004SprPk_CVEC_beforeC	49
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.58	16.87 MVA	14 MVA	2004SprPk_CVEC_afterC	50
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.67	18.82 MVA	14 MVA	2004SprPk_CVEC_beforeC	50
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.67	16.95 MVA	14 MVA	2004SprPk_CVEC_afterC	51
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.65	18.8 MVA	14 MVA	2004SprPk_CVEC_beforeC	51

34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.67	16.96 MVA	14 MVA	2004SprPk_CVEC_afterC	52
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.71	18.85 MVA	14 MVA	2004SprPk_CVEC_beforeC	52
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.2	-6.47	15.46	16.76 MVA	14 MVA	2004SprPk_CVEC_afterC	61
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.46	18.62 MVA	14 MVA	2004SprPk_CVEC_beforeC	61
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.35	18.51 MVA	14 MVA	2004SprPk_CVEC_beforeC	7
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.77	18.91 MVA	14 MVA	2004SprPk_CVEC_beforeC	72
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.66	16.94 MVA	14 MVA	2004SprPk_CVEC_afterC	73
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.36	-6.47	17.85	18.99 MVA	14 MVA	2004SprPk_CVEC_beforeC	73
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.21	-6.47	15.6	16.88 MVA	14 MVA	2004SprPk_CVEC_afterC	8
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.55	18.71 MVA	14 MVA	2004SprPk_CVEC_beforeC	8
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.19	-6.47	15.41	16.71 MVA	14 MVA	2004SprPk_CVEC_afterC	88
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.52	18.68 MVA	14 MVA	2004SprPk_CVEC_beforeC	88
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.25	16.56 MVA	14 MVA	2004SprPk_CVEC_afterC	9
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.35	-6.47	17.72	18.86 MVA	14 MVA	2004SprPk_CVEC_beforeC	9
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.26	16.58 MVA	14 MVA	2004SprPk_CVEC_afterC	96
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.34	-6.47	17.54	18.7 MVA	14 MVA	2004SprPk_CVEC_beforeC	96
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.18	1.18	-6.47	15.27	16.58 MVA	14 MVA	2004SprPk_CVEC_afterC	97
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.33	-6.47	17.44	18.61 MVA	14 MVA	2004SprPk_CVEC_beforeC	97
No Violation																
34570	COLNGA 2	70	30	34652	CHV.COAL	9	30	1	1.32	1.32	-6.47	17.38	18.54 MVA	14 MVA	2004SprPk_CVEC_beforeC	98
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterC	113
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.02	33	13.9	35.81 MVA	35 MVA	2004SprPk_CVEC_beforeC	113
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	12	35.11 MVA	35 MVA	2004SprPk_CVEC_afterC	14
No Violation																

34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.9	34.75 MVA	35 MVA	2004SprPk_CVEC_afterC	188
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.85	34.44 MVA	35 MVA	2004SprPk_CVEC_beforeC	188
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterC	195
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_beforeC	195
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.94	34.77 MVA	35 MVA	2004SprPk_CVEC_afterC	196
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.72	34.4 MVA	35 MVA	2004SprPk_CVEC_beforeC	196
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.73	35.37 MVA	35 MVA	2004SprPk_CVEC_afterC	204
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.46	34.93 MVA	35 MVA	2004SprPk_CVEC_beforeC	204
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.9	34.75 MVA	35 MVA	2004SprPk_CVEC_afterC	211
No Violation																
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	10.91	34.76 MVA	35 MVA	2004SprPk_CVEC_afterC	64
No Violation																
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	11.05	34.8 MVA	35 MVA	2004SprPk_CVEC_afterC	69
No Violation																
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.18	34.84 MVA	35 MVA	2004SprPk_CVEC_afterC	70
No Violation																
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.33	34.89 MVA	35 MVA	2004SprPk_CVEC_afterC	76
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.08	34.5 MVA	35 MVA	2004SprPk_CVEC_beforeC	76
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	0.99	33	11.12	34.82 MVA	35 MVA	2004SprPk_CVEC_afterC	82
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.98	33	9.94	34.46 MVA	35 MVA	2004SprPk_CVEC_beforeC	82
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1	33	11.5	34.95 MVA	35 MVA	2004SprPk_CVEC_afterC	83
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	0.99	33	10.32	34.58 MVA	35 MVA	2004SprPk_CVEC_beforeC	83
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	13.05	35.49 MVA	35 MVA	2004SprPk_CVEC_afterC	87
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.78	35.04 MVA	35 MVA	2004SprPk_CVEC_beforeC	87
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterC	88
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_beforeC	88

34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.04	33	15	36.25 MVA	35 MVA	2004SprPk_CVEC_afterC	89
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.02	33	13.78	35.76 MVA	35 MVA	2004SprPk_CVEC_beforeC	89
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.03	33	14.87	36.2 MVA	35 MVA	2004SprPk_CVEC_afterC	91
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1.02	33	13.74	35.75 MVA	35 MVA	2004SprPk_CVEC_beforeC	91
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.99	1.01	33	12.73	35.37 MVA	35 MVA	2004SprPk_CVEC_afterC	92
34744	GODN_BER	115	30	35028	OILDALE	9	30	1	0.98	1	33	11.44	34.93 MVA	35 MVA	2004SprPk_CVEC_beforeC	92
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.55	1.11	50.14	10.98	422.06 AMPS	379.4 AMPS	2004SprPk_CVEC_afterC	195
34861	TAFT A_J	70	30	34863	MOCO_JCT	70	30	1	0.54	1.1	49.61	11.34	417.7 AMPS	379.4 AMPS	2004SprPk_CVEC_beforeC	195
34862	MARICOPA	70	30	34864	GARDNER	70	30	1	0.3	1.07	37.96	3.37	319.07 AMPS	297.75 AMPS	2004SprPk_CVEC_afterC	195
34862	MARICOPA	70	30	34864	GARDNER	70	30	1	0.27	1.05	37.44	3.32	314.11 AMPS	297.75 AMPS	2004SprPk_CVEC_beforeC	195
34864	GARDNER	70	30	34866	BSCL_PLD	70	30	1	0.3	1.06	37.55	3.06	315.6 AMPS	297.75 AMPS	2004SprPk_CVEC_afterC	195
34864	GARDNER	70	30	34866	BSCL_PLD	70	30	1	0.27	1.04	37.04	3.02	310.68 AMPS	297.75 AMPS	2004SprPk_CVEC_beforeC	195
34866	BSCL_PLD	70	30	34868	COPUS	70	30	1	0.27	1.02	34.84	0.88	303.31 AMPS	297.75 AMPS	2004SprPk_CVEC_afterC	195
34866	BSCL_PLD	70	30	34868	COPUS	70	30	1	0.24	1	34.37	0.89	298.42 AMPS	297.75 AMPS	2004SprPk_CVEC_beforeC	195