System Voltage Report

Case Name *18hs1pPTI_CLRTPGr0*

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
125ROAD 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87511	34.9032	2
125ROAD 230.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87511	34.9032	1
88 OIL 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.71789	53.8026	1
ADENA 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.85852	53.079	1
ADOBE 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.80736	23.0601	5
AIRPORT 115.00	AIRPORT 115.00-BOYD 115.00 CIRCUIT 1	0.90187	33.054	1
ALMSA ST 69.000	ALMSA ST 69.000-ALMSA TM 69.000 CIRCUIT 1	0.90131	52.7057	1
ALVIN 115.00	SANDHILL 115.00-WRAY 115.00 CIRCUIT 1	0.90482	44.6063	1
AM EAST 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.60689	-5.7955	6
AMES 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.86557	5.7635	2
ANGOSTUR 69.000	ANGOSTUR 69.000-WESTHILL 69.000 CIRCUIT 1	0.87922	51.6106	1
ANIMARIV 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.89954	20.7331	1
APPLTREE 115.00	MIDWAYBR 115.00-RANCHO 115.00 CIRCUIT 1	0.89606	37.8404	4
APT PARK 115.00	APT MEM 115.00-APT PARK 115.00 CIRCUIT 1	0.90539	38.936	1
AREQUGCH 115.00	AREQUGCH 115.00-W CANON 115.00 CIRCUIT 1	0.76315	31.414	2
ARGYLE 69.000	ANGOSTUR 69.000-WESTHILL 69.000 CIRCUIT 1	0.90481	54.4738	1
ATMELDTP 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.76961	39.0109	1726
ATMELKTP 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.78694	39.6264	1725
ATMELSUB 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.78291	39.7448	1727
AULT 115.00	COBBLKTP 115.00-TIMNTHTP 115.00 CIRCUIT 1	0.88462	36.5858	1
B.SANDY 500.00	BOONE 230.00-BOONETS 230.00 CIRCUIT 1	1.09915	60.6321	4

Case Name *18hs1pPTI_CLRTPGr0*

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
BARLOW 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82413	31.913	2
BASALT 230.00	SYSTEM NORMAL	1.04447	45.382	1
BAYFIELD 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.7348	8.4769	4
BAYOU 115.00	BAYOU 115.00-PARKERPS 115.00 CIRCUIT 1	0.88808	28.852	1
BENCH 230.00	PARACHUT 230.00-RIFLE PS 230.00 CIRCUIT 1	0.87493	28.001	4
BENTON 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.7165	53.4264	1
BIJOUTAP 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.83561	34.2364	4
BIRDSALE 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74734	36.6645	1727
BIRDSALW 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74717	36.6484	1727
BLACKFOR 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.86898	37.7378	57
BLK SQMV 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87123	35.4909	39
BLKFORTP 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.86949	37.7882	54
BLKHLWTP 115.00	COBBLKTP 115.00-TIMNTHTP 115.00 CIRCUIT 1	0.86949	35.3354	1
BODO 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.90514	20.9931	1
BOONE 500.00	BOONE 230.00-BOONETS 230.00 CIRCUIT 1	1.10688	61.4968	2
BRADLEY 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.79383	39.9956	1727
BRIARGAT 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.75273	35.8674	1727
BRIDGEPT 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.90105	49.7134	1
BRIGHTNW 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.36242	9.5992	2
BRUSHTAP 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.81979	31.2219	1
BSBURSC 500.00	B.SANDY 500.00-BSBURSC 500.00 CIRCUIT 1	1.10099	58.6536	3
BURLNGTN 500.00	BOONE 230.00-BOONETS 230.00 CIRCUIT 1	1.09871	61.4522	5
BURROBDG 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.87032	6.3698	3
C-A 138.00	MEEKER 138.00-W.RV.CTY 138.00 CIRCUIT 1	1.10813	44.4945	3

Case Name *18hs1pPTI_CLRTPGr0*

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
CALAMRDG 138.00	SYSTEM NORMAL	1.05325	45.0326	1
CALHNTP 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87542	35.2425	4
CALHNTP 69.000	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87542	35.2425	4
CAMEO 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.85931	32.7985	4
CANONCTY 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.4781	12.1102	1
CARYTS 115.00	AIRPORT 115.00-BOYD 115.00 CIRCUIT 1	0.90197	33.0523	1
CASCADEL 115.00	HESPERUS 345.00-SANJN PS 345.00 CIRCUIT 1	0.85977	20.1875	11
CASTLRCK 115.00	DANIELPK 115.00-DANIELPK 230.00 CIRCUIT T1	0.90178	30.2465	2
CEMNT CK 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.87379	6.6558	3
CENTER 69.000	HOOPERTP 69.000-SANLSVLY 69.000 CIRCUIT 1	0.86678	48.0732	2
CLIFTON 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.80275	21.0046	2
COALBANK 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.8722	7.6451	6
COBBLAKE 115.00	COBBLKTP 115.00-TIMNTHTP 115.00 CIRCUIT 1	0.86126	34.6207	1
COBBLKTP 115.00	COBBLKTP 115.00-TIMNTHTP 115.00 CIRCUIT 1	0.86134	34.6381	1
COLO GRN 230.00	SYSTEM NORMAL	1.04694	59.8744	1
CRETESWT 115.00	SANDHILL 115.00-WRAY 115.00 CIRCUIT 1	0.90488	44.6053	1
CRPLE CK 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.63185	22.9576	3
CRWFTVLY 115.00	DANIELPK 115.00-DANIELPK 230.00 CIRCUIT T1	0.89628	29.772	1
CRYSTVA 115.00	DANIELPK 115.00-DANIELPK 230.00 CIRCUIT T1	0.89511	31.1533	3
CSOC 115.00	FALCONMV 115.00-FULLER 115.00 CIRCUIT 1	0.79164	31.1353	27
CTTNWD N 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.7539	36.3364	1727
CTTNWD N 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74495	37.7521	1727
CTTNWD S 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.75387	36.3506	1727
CTTNWD S 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.7448	37.7757	1727

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
DACONO 115.00	DEL CTAP 115.00-DELCAMIN 115.00 CIRCUIT 1	0.90181	37.5394	1
DALTON 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.87106	45.5369	1
DANIELPK 115.00	DANIELPK 115.00-DANIELPK 230.00 CIRCUIT T1	0.88428	28.7333	1
DELCAMIN 115.00	DEL CTAP 115.00-DELCAMIN 115.00 CIRCUIT 1	0.88632	35.967	1
DELNORTE 69.000	PONCHABR 230.00-SAN LUIS 230.00 CIRCUIT 1	0.90406	69.0118	1
DES.MINE 138.00	SYSTEM NORMAL	1.05255	44.9343	1
DILLON 115.00	DILLON 115.00-DILLON 230.00 CIRCUIT T2	1.11554	40.5889	1
DIVIDE 115.00	LKGRGE 115.00-TARRYALL 115.00 CIRCUIT 1	0.86182	34.0312	5
DRAKE E 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.76976	38.9795	1727
DRAKE N 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.7696	39.0111	1727
DRAKE S 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.76976	39.0001	1727
DURANGO 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.90089	20.8682	1
E_DORADO 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74549	41.5827	1727
EADS 69.000	LAMAR CO 115.00-WILOW CK 115.00 CIRCUIT 1	0.89226	34.9132	1
EDGEMONT 69.000	ANGOSTUR 69.000-WESTHILL 69.000 CIRCUIT 1	0.88843	52.7591	1
EFMORGTP 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82417	31.9151	2
ELBERT 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87229	34.5885	5
ELIZABTH 115.00	BAYOU 115.00-PARKERPS 115.00 CIRCUIT 1	0.88265	28.0334	1
EMIL AND 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.84426	34.2219	102
ENGLE3TP 115.00	ARAPAHOB 115.00-ENGLE3TP 115.00 CIRCUIT 1	0.86976	25.0511	1
ENGLEWD3 115.00	ARAPAHOB 115.00-ENGLE3TP 115.00 CIRCUIT 1	0.86833	24.9623	1
ENGYCNTR 500.00	BOONE 230.00-BOONETS 230.00 CIRCUIT 1	1.09516	62.7857	2
EXCEL 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82618	32.2295	3
FAIRVWCS 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.75605	37.6931	1727

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
FALCONMV 115.00	FALCONMV 115.00-FULLER 115.00 CIRCUIT 1	0.77394	29.3441	44
FALCONMV 69.000	FALCONMV 115.00-FULLER 115.00 CIRCUIT 1	0.77998	27.0048	11
FLOR.RIV 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.59158	-8.3778	6
FLYHORSE 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.79786	35.0467	1725
FME 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82538	32.1861	3
FMN 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82417	31.9136	2
FMS 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82622	32.2369	3
FMWEST 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.82626	32.2457	3
FONTERO 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.76201	38.1509	1727
FONTNLLE 69.000	SYSTEM NORMAL	1.05057	53.2728	1
FORESTLK 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.8481	34.1812	68
FORESTLK 115.00	EMIL AND 115.00-FORESTLK 115.00 CIRCUIT 1	1.10945	35.315	1
FOUNTAIN 115.00	FOUNTAIN 115.00-RD_NIXON 115.00 CIRCUIT 1	0.80379	38.7521	1723
FRTRANGE 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.89656	47.6535	2
FRUITA 69.000	FRUITA 13.800-FRUITA 69.000 CIRCUIT 1	0.79328	20.3121	4
FTGARLND 69.000	ALMSA ST 69.000-ALMSA TM 69.000 CIRCUIT 1	0.84961	50.5353	2
FULLER 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.88401	37.1418	34
FULLER 230.00	DANIELPK 230.00-FULLER 230.00 CIRCUIT 1	0.87367	45.7657	158
GALIEN 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.9027	44.6761	1
GATEWYTS 115.00	AIRPORT 115.00-BOYD 115.00 CIRCUIT 1	0.90197	33.0523	1
GEESEN 115.00	FALCONMV 115.00-FULLER 115.00 CIRCUIT 1	0.79157	31.1368	27
GILCREST 115.00	FTLUPTON 115.00-FTLUPTON 230.00 CIRCUIT T3	0.89949	25.0945	1
GRANDJCT 230.00	GRANDJCT 230.00-GRANDJCT 345.00 CIRCUIT 1	0.80539	21.0805	1
GRANDJPS 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.80271	21.0515	3

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
GREENLND 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.88024	32.1092	12
GREENWOD 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.88638	47.8131	1
GRESHAM 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.8514	36.2971	135
HAYDEN 138.00	SYSTEM NORMAL	1.04508	55.0278	1
HESPERUS 345.00	HESPERUS 345.00-SANJN PS 345.00 CIRCUIT 1	0.90464	28.9261	1
HILLTOP 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.87986	30.7095	2
HLTP TAP 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.8801	30.7276	2
HOOPER 69.000	HOOPERTP 69.000-SANLSVLY 69.000 CIRCUIT 1	0.86171	47.7365	2
HOOPERTP 69.000	HOOPERTP 69.000-SANLSVLY 69.000 CIRCUIT 1	0.86594	48.0171	2
HORIZON 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.80344	21.8261	5
HOYT 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.75312	49.4316	1
HPCYN 115.00	DANIELPK 115.00-DANIELPK 230.00 CIRCUIT T1	0.89065	29.2848	1
JACINTO 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.87645	43.0242	1
KELKER E 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.78692	39.6268	1726
KELKER N 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.84686	44.6207	59
KELKER S 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.84703	44.6252	56
KELKER W 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.78664	39.6093	1726
KETTLECK 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.76653	35.5168	1727
KIMBALL 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.89484	43.3285	1
KIMBALLC 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.89484	43.3285	1
KIOWA 115.00	BAYOU 115.00-PARKERPS 115.00 CIRCUIT 1	0.88417	28.0161	1
KIOWA CK 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.85519	37.6235	4
L.MEADOW 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.76625	49.1778	1
LA SECPA 69.000	LAJUNTAT 69.000-LAJUNTAT 115.00 CIRCUIT 1	0.89393	39.5351	1

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Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
LAGARITA 69.000	HOOPERTP 69.000-SANLSVLY 69.000 CIRCUIT 1	0.89685	49.9558	2
LARAMIE 115.00	LARAMIE 115.00-SNOWYRNG 115.00 CIRCUIT 1	0.8767	50.1172	1
LECBURSC 500.00	BOONE 230.00-BOONETS 230.00 CIRCUIT 1	1.09851	60.1454	6
LITTLET1 115.00	ARAPAHOB 115.00-ENGLE3TP 115.00 CIRCUIT 1	0.89626	27.1489	2
LITTLET2 115.00	ARAPAHOB 115.00-ENGLE3TP 115.00 CIRCUIT 1	0.89929	27.5394	2
LKGRGE 115.00	LKGRGE 115.00-TARRYALL 115.00 CIRCUIT 1	0.85915	33.6736	2
LOST CK 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.89131	38.5953	1
LOSTCKTP 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.89131	38.5958	1
MARTIN 1 115.00	MARTN1TP 115.00-WATERTON 115.00 CIRCUIT 1	0.89905	22.3848	1
MARTN1TP 115.00	MARTN1TP 115.00-WATERTON 115.00 CIRCUIT 1	0.89961	22.5846	1
MAY 115.00	LARAMIE 115.00-SNOWYRNG 115.00 CIRCUIT 1	0.88883	51.4328	1
MERDNRCH 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87257	35.4352	17
MIDWAYBR 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.90284	45.4512	2
MIRGEJCT 69.000	PONCHABR 230.00-SAN LUIS 230.00 CIRCUIT 1	0.88823	66.8053	1
MOFFAT 69.000	PONCHABR 230.00-SAN LUIS 230.00 CIRCUIT 1	0.88943	67.359	1
MOLASTAP 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.87197	7.0363	5
MONUMENT 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.83497	34.8694	1694
MONUMENT 69.000	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.87892	34.8694	2
MTHARRIS 138.00	SYSTEM NORMAL	1.04495	55.0151	1
NCANON 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.49222	13.318	2
NCANON W 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.49228	13.3282	2
NEWCSTLE 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.67938	50.1538	1
NORWOOD 115.00	NORWOOD 115.00-NUCLA 115.00 CIRCUIT 1	0.88376	5.574	1
NUNN 115.00	COBBLKTP 115.00-TIMNTHTP 115.00 CIRCUIT 1	0.89968	38.5709	1

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
OASISTAP 115.00	LARAMIE 115.00-SNOWYRNG 115.00 CIRCUIT 1	0.88998	51.57	1
OLD16TAP 69.000	ALMSA ST 69.000-ALMSA TM 69.000 CIRCUIT 1	0.8999	52.6464	1
ORCHARD 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.85518	37.622	4
OSAG CTY 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.72006	53.9318	1
OSAGE 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.72092	54.0652	1
P P MINE 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.63736	23.8404	3
PADDOCK 69.000	FALCONMV 115.00-FULLER 115.00 CIRCUIT 1	0.76831	25.6858	37
PAGOSA 115.00	FLOR.RIV 115.00-HESPERUS 115.00 CIRCUIT 1	0.66424	0.838	31
PALMER 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.87366	32.5342	18
PALMRDIV 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.84461	36.1781	114
PALMRDIV 69.000	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.82356	32.5163	1721
PARACHUT 230.00	PARACHUT 230.00-RIFLE PS 230.00 CIRCUIT 1	0.87837	28.3598	4
PEETZ 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.87988	44.1949	1
PEYTON 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87515	35.3255	6
PLUMCRK 115.00	ROXBOROU 115.00-WATERTON 115.00 CIRCUIT 1	0.89647	28.8521	2
PROSPEC 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.89602	38.8852	1
PROSPVAL 115.00	BEAVERCK 115.00-BRUSHTAP 115.00 CIRCUIT 1	0.88761	38.3788	1
PROWERS 69.000	LAMAR CO 115.00-WILOW CK 115.00 CIRCUIT 1	0.90236	35.618	1
RALSTON 69.000	N. CODY 69.000-RALSTON 69.000 CIRCUIT 1	0.90129	58.4559	1
RAMPART 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.7548	37.2191	1727
RANCHO 115.00	MIDWAYBR 115.00-RANCHO 115.00 CIRCUIT 1	0.89596	37.8308	3
RD_NIXON 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.87567	44.8601	6
RD_NIXON 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.89569	47.3261	3
RDGCREST 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.88012	44.2077	1

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
RINNVALL 115.00	DEL CTAP 115.00-DELCAMIN 115.00 CIRCUIT 1	0.89301	36.6557	1
ROCKISLD 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74767	36.8599	1727
ROCKWOOD	HESPERUS 345.00-SANJN PS 345.00 CIRCUIT 1	0.85632	19.4268	11
ROXBOROU 115.00	ROXBOROU 115.00-WATERTON 115.00 CIRCUIT 1	0.88902	28.0957	1
RUSSLVIL 115.00	125ROAD 230.00-B.SANDY 230.00 CIRCUIT 1	0.87031	34.477	9
RUSTIQUE 115.00	FOUNTAIN 115.00-RD_NIXON 115.00 CIRCUIT 1	0.8038	38.7519	1723
S CANON 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.46317	9.9797	1
S CANONW 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.46535	10.306	1
S.CRK TP 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.68002	50.2168	1
SAGUACHE 69.000	PONCHABR 230.00-SAN LUIS 230.00 CIRCUIT 1	0.88595	65.9083	1
SALT CRK 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.67745	50.044	1
SANDCRK 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.57543	40.3504	1
SANDHILL 115.00	SANDHILL 115.00-WRAY 115.00 CIRCUIT 1	0.89634	43.7224	1
SANTA FE 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.77267	39.0648	1727
SEDALIA 115.00	ROXBOROU 115.00-WATERTON 115.00 CIRCUIT 1	0.89314	28.4319	1
SIDNEY 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.86378	43.8715	1
SIDNEY 230.00	SYSTEM NORMAL	1.04471	60.9086	1
SIDNEYDC 230.00	SYSTEM NORMAL	1.045	60.9401	1
SILVERTN 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.87273	6.6867	3
SKINNER 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.4326	6.942	1
SPRNGFLD 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.87745	30.5139	2
SPRNGVLY 115.00	LKGRGE 115.00-TARRYALL 115.00 CIRCUIT 1	0.86341	34.264	6
STERLING 115.00	SIDNEY 115.00-SIDNEY 230.00 CIRCUIT 1	0.89856	44.5913	1
STETSON 230.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.73819	39.3043	1728

Bus Name	Most Severe Contingency	Worst Case Voltage	Angle	Count
SUMTAP2 115.00	DILLON 115.00-DILLON 230.00 CIRCUIT T2	1.09849	41.2553	1
SUNSH SM 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.86423	5.5976	2
T BUTTES 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.89695	33.8066	2
TARRYALL 115.00	TARRYALL 115.00-TARRYALL 230.00 CIRCUIT T1	0.86054	33.6684	1
TELLURID 115.00	NORWOOD 115.00-SUNSH SM 115.00 CIRCUIT 1	0.83925	2.7931	4
TEMPLTON 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.75378	36.9912	1727
TWNBUTTE 230.00	SYSTEM NORMAL	1.04462	59.9444	1
UINTAH 230.00	CLIFTON 230.00-GRANDJCT 230.00 CIRCUIT 1	0.81236	24.4	5
UINTAH 69.000	FRUITA 13.800-FRUITA 69.000 CIRCUIT 1	0.79952	20.4672	5
UPTON TP 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.79681	62.4326	1
UPTON_C 69.000	OSAGE 69.000-OSAGE 230.00 CIRCUIT 1	0.71632	53.4097	1
VASQUEZ 115.00	FTLUPTON 115.00-FTLUPTON 230.00 CIRCUIT T3	0.90162	25.2544	1
VICTOR 69.000	CANONCTY 69.000-CANONCTY 115.00 CIRCUIT 1	0.62467	23.2585	3
VILAS 115.00	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.89058	31.1333	1
VILAS 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.88506	31.1333	2
WALSH 69.000	LAMAR CO 115.00-VILAS 115.00 CIRCUIT 1	0.89511	31.8948	2
WEELERPS 230.00	PARACHUT 230.00-RIFLE PS 230.00 CIRCUIT 1	0.87726	28.2391	4
WIGGINS 115.00	BRIGHTNW 115.00-ERIE SW 115.00 CIRCUIT 1	0.83863	45.6612	3
WILOW CK 115.00	LAMAR CO 115.00-WILOW CK 115.00 CIRCUIT 1	0.88617	37.5882	1
WINDSOR 115.00	AIRPORT 115.00-BOYD 115.00 CIRCUIT 1	0.90583	33.4979	1
WOLFSBRG 115.00	ROXBOROU 115.00-WATERTON 115.00 CIRCUIT 1	0.90211	29.4511	3
WOLFSBTP 115.00	ROXBOROU 115.00-WATERTON 115.00 CIRCUIT 1	0.90424	29.6866	2
WOODLAND 115.00	LKGRGE 115.00-TARRYALL 115.00 CIRCUIT 1	0.86493	34.497	9
WOODMEN 115.00	CTTNWD N 230.00-FULLER 230.00 CIRCUIT 1	0.74645	36.2359	1727

Case Name *18hs1pPTI_CLRTPGr0*

Bus Name		***Most Severe Contingency***			***Worst Case Voltage***	***Angle***	***Count***
WY REFIN	69.000	OSAGE	69.000-OSAGE	230.00 CIRCUIT 1	0.68002	50.2168	1