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| Fault ID | Fault Name | Fault Location | Description | Clearing Time (Cycles) | Observation | Load Shed |
|-------------------|--------------|--|---|------------------------|---------------|---|
| | No Fault | | | | System Stable | |
| Category B | | | | | | |
| B03 | CHPR_XFMR500 | Chapel Rock 500/240 kV Transformer | 3ph fault at Chapel Rock 500/240 kV Transformer | | System Stable | |
| | | | trip Chapel Rock 500 kV breaker | 4 | | |
| | | | trip Chapel Rock 240 kV breaker | 5 | | |
| B04 | CHPR_CRW1 | Chapel Rock - Castle Rock Ridge 240 kV | 3ph fault at Chapel Rock on Chapel Rock - Castle Rock Ridge 240 kV line | | System Stable | |
| | | | trip Chapel Rock 240 kV breaker | 5 | | |
| | | | trip Castle Rock Ridge 240 kV breaker | 6 | | |
| B05 | CHPR_CRW1 | Chapel Rock - Castle Rock Ridge 240 kV | 3ph fault at Castle Rock Ridge on Chapel Rock - Castle Rock Ridge 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Castle Rock Ridge 240 kV breaker | 5 | | |
| | | | trip Chapel Rock 240 kV breaker | 6 | | |
| B06 | CHPR_LAND | Chapel Rock - LANGDON 500 kV | 3ph fault at Chapel Rock on Chapel Rock - LANGDON 500 kV line | | System Stable | |
| | | | trip Chapel Rock 500 kV breaker | 4 | | |
| | | | trip LANGDON 500 kV breaker | 5 | | |
| B07 | CHPR_LAND | Chapel Rock - LANGDON 500 kV | 3ph fault at LANGDON on Chapel Rock - LANGDON 500 kV line | | System Stable | |
| | | | trip LANGDON 500 kV breaker | 4 | | |
| | | | trip Chapel Rock 500 kV breaker | 5 | | |
| B08 | LAND_XFMR500 | LANGDON 500/240 kV Transformer | 3ph fault at LANGDON 500/240 kV Transformer | | System Stable | |
| | | | trip LANGDON 500 kV breaker | 4 | | |
| | | | trip LANGDON 240 kV breaker | 5 | | |
| B09 | LAND_XFMR240 | LANGDON 500/240 kV Transformer | 3ph fault at LANGDON 500/240 kV Transformer | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip LANGDON 240 kV breaker | 4 | | |
| | | | trip LANGDON 500 kV breaker | 5 | | |
| B10 | PEIG_GOLK | PEIGAN - Goose Lake 240 kV | 3ph fault at PEIGAN on PEIGAN - Goose Lake 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip PEIGAN 240 kV breaker | 5 | | |
| | | | trip Goose Lake 240 kV breaker | 6 | | |
| B11 | PEIG_WIDF | PEIGAN - WINDY FLATS 240 kV | 3ph fault at PEIGAN on PEIGAN - WINDY FLATS 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip PEIGAN 240 kV breaker | 5 | | |
| | | | trip WINDY FLATS 240 kV breaker | 6 | | |
| B12 | PEIG_WIDF | PEIGAN - WINDY FLATS 240 kV | 3ph fault at WINDY FLATS on PEIGAN - WINDY FLATS 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip PEIGAN 240 kV breaker | 6 | | |
| B13 | WIDF_KAIY | WINDY FLATS - KAIYA 240 kV | 3ph fault at WINDY FLATS on WINDY FLATS - KAIYA 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip KAIYA 240 kV breaker | 6 | | |
| B14 | WIDF_KAIY | WINDY FLATS - KAIYA 240 kV | 3ph fault at KAIYA on WINDY FLATS - KAIYA 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip KAIYA 240 kV breaker | 5 | | |
| | | | trip WINDY FLATS 240 kV breaker | 6 | | |
| B15 | KAIY_NLEB | KAIYA - North Lethbridge 240 kV | 3ph fault at KAIYA on KAIYA - North Lethbridge 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip KAIYA 240 kV breaker | 5 | | |
| | | | trip North Lethbridge 240 kV breaker | 6 | | |
| B16 | KAIY_NLEB | KAIYA - North Lethbridge 240 kV | 3ph fault at North Lethbridge on KAIYA - North Lethbridge 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip North Lethbridge 240 kV breaker | 5 | | |
| | | | trip KAIYA 240 kV breaker | 6 | | |
| B17 | WIDF_XFMR240 | WINDY FLATS 240/138 kV Transformer | 3ph fault at WINDY FLATS 240/138 kV Transformer | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip WINDY FLATS 138 kV breaker | 6 | | |

| Fault ID | Fault Name | Fault Location | Description | Clearing Time (Cycles) | Observation | Load Shed |
|----------|------------|---|--|------------------------|---------------|--|
| B18 | WIDF_TURP | WINDY FLATS - Turnip 240 kV | 3ph fault at WINDY FLATS on WINDY FLATS - Turnip 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip Turnip 240 kV breaker | 6 | | |
| B19 | NLEB_TURP | North Lethbridge - Turnip 240 kV | 3ph fault at North Lethbridge on North Lethbridge - Turnip 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip North Lethbridge 240 kV breaker | 5 | | |
| | | | trip Turnip 240 kV breaker | 6 | | |
| B20 | WIDF_SCPA | WINDY FLATS - Series Compensator A 240 kV | 3ph fault at WINDY FLATS on WINDY FLATS - Series Compensator A 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip Series Compensator A 240 kV breaker | 6 | | |
| B21 | FHIL_SCPB | FOOTHLL - Series Compensator B 240 kV | 3ph fault at FOOTHLL on FOOTHLL - Series Compensator B 240 kV line | | System Stable | |
| | | | trip FOOTHLL 240 kV breaker | 5 | | |
| | | | trip Series Compensator B 240 kV breaker | 6 | | |
| B22 | WIDF_SCPD | WINDY FLATS - Series Compensator C 240 kV | 3ph fault at WINDY FLATS on WINDY FLATS - Series Compensator C 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip WINDY FLATS 240 kV breaker | 5 | | |
| | | | trip Series Compensator C 240 kV breaker | 6 | | |
| B23 | FHIL_SCPD | FOOTHLL - Series Compensator D 240 kV | 3ph fault at FOOTHLL on FOOTHLL - Series Compensator D 240 kV line | | System Stable | |
| | | | trip FOOTHLL 240 kV breaker | 5 | | |
| | | | trip Series Compensator D 240 kV breaker | 6 | | |
| B24 | MATL_SUBC | Matl - Sub C 240 kV | 3ph fault at Matl on Matl - Sub C 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Matl 240 kV breaker | 5 | | |
| | | | trip Sub C 240 kV breaker | 6 | | |
| B25 | MATL_SUBC | Matl - Sub C 240 kV | 3ph fault at Sub C on Matl - Sub C 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Sub C 240 kV breaker | 5 | | |
| | | | trip Matl 240 kV breaker | 6 | | |
| B26 | SUBC_OLMH | Sub C - Old Medicine Hat 240 kV | 3ph fault at Sub C on Sub C - Old Medicine Hat 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Sub C 240 kV breaker | 5 | | |
| | | | trip Old Medicine Hat 240 kV breaker | 6 | | |
| B27 | SUBC_OLMH | Sub C - Old Medicine Hat 240 kV | 3ph fault at Old Medicine Hat on Sub C - Old Medicine Hat 240 kV line | | System Stable | |
| | | | trip Old Medicine Hat 240 kV breaker | 5 | | |
| | | | trip Sub C 240 kV breaker | 6 | | |
| B28 | OLMH_GOLK | Old Medicine Hat - Goose Lake 240 kV | 3ph fault at Old Medicine Hat on Old Medicine Hat - Goose Lake 240 kV line | | System Stable | |
| | | | trip Old Medicine Hat 240 kV breaker | 5 | | |
| | | | trip Goose Lake 240 kV breaker | 6 | | |
| B29 | SUBC_SUBD | Sub C - Sub D 240 kV | 3ph fault at Sub C on Sub C - Sub D 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Sub C 240 kV breaker | 5 | | |
| | | | trip Sub D 240 kV breaker | 6 | | |
| B30 | SUBC_SUBD | Sub C - Sub D 240 kV | 3ph fault at Sub D on Sub C - Sub D 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Sub D 240 kV breaker | 5 | | |
| | | | trip Sub C 240 kV breaker | 6 | | |
| B31 | SUBD_STBU | Sub D - STBUTTE3 240 kV | 3ph fault at Sub D on Sub D - STBUTTE3 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Sub D 240 kV breaker | 5 | | |
| | | | trip STBUTTE3 240 kV breaker | 6 | | |
| B34 | CYPR_JENN | Cypress - JENNER 240 kV | 3ph fault at Cypress on Cypress - JENNER 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 240 kV breaker | 5 | | |
| | | | trip JENNER 240 kV breaker | 6 | | |
| B35 | CYPR_JENN | Cypress - JENNER 240 kV | 3ph fault at JENNER on Cypress - JENNER 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip JENNER 240 kV breaker | 5 | | |
| | | | trip Cypress 240 kV breaker | 6 | | |
| B36 | JENN_DOME | JENNER - Dome Empress 240 kV | 3ph fault at JENNER on JENNER - Dome Empress 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip JENNER 240 kV breaker | 5 | | |
| | | | trip Dome Empress 240 kV breaker | 6 | | |

| Fault ID | Fault Name | Fault Location | Description | Clearing Time (Cycles) | Observation | Load Shed |
|----------|--------------|-------------------------------------|---|------------------------|--------------------------------------|--|
| B37 | JENN_DOME | JENNER - Dome Empress 240 kV | 3ph fault at Dome Empress on JENNER - Dome Empress 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Dome Empress 240 kV breaker | 5 | | |
| | | | trip JENNER 240 kV breaker | 6 | | |
| B38 | CYPR_DOME | Cypress - Dome Empress 240 kV | 3ph fault at Cypress on Cypress - Dome Empress 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 240 kV breaker | 5 | | |
| | | | trip Dome Empress 240 kV breaker | 6 | | |
| B39 | CYPR_DOME | Cypress - Dome Empress 240 kV | 3ph fault at Dome Empress on Cypress - Dome Empress 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Dome Empress 240 kV breaker | 5 | | |
| | | | trip Cypress 240 kV breaker | 6 | | |
| B40 | CYPR_XFMR240 | Cypress 240/138 kV Transformer | 3ph fault at Cypress 240/138 kV Transformer | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 240 kV breaker | 5 | | |
| | | | trip Cypress 138 kV breaker | 6 | | |
| B41 | DOME_XFMR240 | Dome Empress 240/138 kV Transformer | 3ph fault at Dome Empress 240/138 kV Transformer | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Dome Empress 240 kV breaker | 5 | Out-of-Step (Isolated by fault): | |
| | | | trip Dome Empress 138 kV breaker | 6 | [289] DOME EM9 1+2, [288] DOME EC9 1 | |
| B42 | CYPR_MCNL | Cypress - Mc Neil 138 kV | 3ph fault at Cypress on Cypress - Mc Neil 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 138 kV breaker | 6 | | |
| | | | trip Mc Neil 138 kV breaker | 24 | | |
| B43 | CYPR_MCNL | Cypress - Mc Neil 138 kV | 3ph fault at Mc Neil on Cypress - Mc Neil 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Mc Neil 138 kV breaker | 6 | | |
| | | | trip Cypress 138 kV breaker | 24 | | |
| B44 | CYPR_DOME | Cypress - Dome Empress 138 kV | 3ph fault at Cypress on Cypress - Dome Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 138 kV breaker | 6 | | |
| | | | trip Dome Empress 138 kV breaker | 24 | | |
| B45 | CYPR_DOME | Cypress - Dome Empress 138 kV | 3ph fault at Dome Empress on Cypress - Dome Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Dome Empress 138 kV breaker | 6 | | |
| | | | trip Cypress 138 kV breaker | 24 | | |
| B46 | CYPR_EMPR | Cypress - Empress 138 kV | 3ph fault at Cypress on Cypress - Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 138 kV breaker | 6 | | |
| | | | trip Empress 138 kV breaker | 24 | | |
| B47 | CYPR_EMPR | Cypress - Empress 138 kV | 3ph fault at Empress on Cypress - Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Empress 138 kV breaker | 6 | | |
| | | | trip Cypress 138 kV breaker | 24 | | |
| B48 | CYPR_658L | Cypress - 658L_TAP 138 kV | 3ph fault at Cypress on Cypress - 658L_TAP 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Cypress 138 kV breaker | 6 | | |
| | | | trip 658L_TAP 138 kV breaker | 24 | | |
| B49 | GLEN_658L | Glenridge - 658L_TAP 138 kV | 3ph fault at Glenridge on Glenridge - 658L_TAP 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip 658L_TAP 138 kV breaker | 6 | | |
| | | | trip Glenridge 138 kV breaker | 24 | | |
| B50 | CHAP_658L | Chappice - 658L_TAP 138 kV | 3ph fault at Chappice on Chappice - 658L_TAP 138 kV line | | System Stable | |
| | | | trip Chappice 138 kV breaker | 6 | | |
| | | | trip 658L_TAP 138 kV breaker | 24 | | |
| B51 | DOME_EMPR | Dome Empress - Empress 138 kV | 3ph fault at Dome Empress on Dome Empress - Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Dome Empress 138 kV breaker | 6 | | |
| | | | trip Empress 138 kV breaker | 24 | | |
| B52 | DOME_EMPR | Dome Empress - Empress 138 kV | 3ph fault at Empress on Dome Empress - Empress 138 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Empress 138 kV breaker | 6 | | |
| | | | trip Dome Empress 138 kV breaker | 24 | | |
| B53 | ANDE-WARE | Anderson - Ware JCT 240 kV | 3ph Fault at Anderson on Anderson to W J 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip Anderson 240 kV breaker | 5 | | |
| | | | trip Ware JCT 240 kV breaker | 6 | | |

| Fault ID | Fault Name | Fault Location | Description | Clearing Time (Cycles) | Observation | Load Shed |
|----------|------------|------------------------------|---|------------------------|---------------|--|
| B54 | WBRO-CASS | West Brooks - Cassils 240 kV | 3ph Fault at West Brooks on West Brooks to Cassils 240 kV line | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip West Brooks 240 kV breaker | 5 | | |
| | | | trip Cassils 240 kV breaker | 6 | | |
| B55 | CASS-BOWM | Cassils - Bowmanton 240 kV | 3ph Fault at Cassils on Cassils to Bowmanton 244S | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip Cassils 240 kV breaker | 5 | | |
| | | | trip Bowmanton 240 kV breaker | 6 | | |
| B56 | TINC-CORD | Tincherbray - Cordel 240 kV | 3ph Fault at Tincherbray on Tincherbray 401S to Cordel 755S 240 KV line 9L xx | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip Tincherbray 240 kV breaker | 5 | | |
| | | | trip Cordel 240 kV breaker | 6 | | |
| B57 | HTHF-NEWE | HTHFIELD -NEWELL HVDC line | Loss of EATL HVDC line | | System Stable | |
| | | | trip HTHFIELD 500 kV breaker | 4 | | |
| | | | trip NEWELL 240 kV breaker | 5 | | |

| Fault ID | Fault Name | Fault Location | Description | Clearing Time (Cycles) | Observation | Load Shed |
|--------------------|-------------|---|---|------------------------|--|--|
| Category C5 | | | | | | |
| C501 | CHAP-CRW1 | Chapel Rock - Castle Rock Ridge 240 kV Double Circuit lines | 3ph fault at Chapel Rock on Chapel Rock - Castle Rock Ridge 240 kV Double Circuit lines | | System Stable | |
| | | | trip Chapel Rock 240 kV breakers | 5 | | |
| | | | trip Castle Rock Ridge 240 kV breakers | 7 | | |
| C502 | CRW1-CHAP | Chapel Rock - Castle Rock Ridge 240 kV Double Circuit lines | 3ph fault at Castle Rock Ridge on Chapel Rock - Castle Rock Ridge 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip Castle Rock Ridge 240 kV breakers | 5 | | |
| | | | trip Chapel Rock 240 kV breakers | 7 | | |
| C503 | LANG-ECAL | LANGDON - ECALGAR 240 kV Double Circuit lines | 3ph fault at LANGDON on LANGDON - ECALGAR 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip LANGDON 240 kV breakers | 5 | | |
| | | | trip ECALGAR 240 kV breakers | 7 | | |
| C504 | ECAL-LANG | LANGDON - ECALGAR 240 kV Double Circuit lines | 3ph fault at ECALGAR on LANGDON - ECALGAR 240 kV Double Circuit lines | | System Stable | |
| | | | trip ECALGAR 240 kV breakers | 5 | | |
| | | | trip LANGDON 240 kV breakers | 7 | | |
| C505 | LANG-MILO | LANGDON - MILO 240 kV Double Circuit lines | 3ph fault at LANGDON on LANGDON - MILO 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip LANGDON 240 kV breakers | 5 | | |
| | | | trip MILO 240 kV breakers | 7 | | |
| C506 | MILO-LANG | LANGDON - MILO 240 kV Double Circuit lines | 3ph fault at MILO on LANGDON - MILO 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip MILO 240 kV breakers | 5 | | |
| | | | trip LANGDON 240 kV breakers | 7 | | |
| C507 | LANG-JANE | LANGDON - JANET 240 kV Double Circuit lines | 3ph fault at LANGDON on LANGDON - JANET 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip LANGDON 240 kV breakers | 5 | | |
| | | | trip JANET 240 kV breakers | 7 | | |
| C508 | JANE-LANG | LANGDON - JANET 240 kV Double Circuit lines | 3ph fault at JANET on LANGDON - JANET 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip JANET 240 kV breakers | 5 | | |
| | | | trip LANGDON 240 kV breakers | 7 | | |
| C509 | 944-951_A | JENNER - WARE JCT 240 kV Double Circuit line | 3ph fault at JENNER on JENNER - WARE JCT 240 kV Double Circuit line | | System Stable Low Voltage at Cypress, Dome Empress | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip JENNER 240 kV breakers | 5 | | |
| | | | trip JENNER 275ST1 240/25 kV 3-winding transformer | 6 | | |
| C510 | 944-951_B | WARE JCT - JENNER 240 kV Double Circuit lines | 3ph fault at WARE JCT on WARE JCT - JENNER 240 kV Double Circuit lines | | Voltage Collapse at Cypress, Dome Empress | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip WARE JCT 240 kV breakers | 5 | | |
| | | | trip JENNER 275ST1 240/25 kV 3-winding transformer | 6 | | |
| C511 | 1002-1011_A | DOME EMPRESS - JENNER 240 kV Double Circuit lines | 3ph fault at DOME EMPRESS on DOME EMPRESS - JENNER 240 kV Double Circuit lines | | System Stable | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 |
| | | | trip DOME EMPRESS 240 kV breakers | 5 | | |
| | | | trip JENNER 240 kV breakers | 6 | | |
| C512 | 1002-1011_B | JENNER - DOME EMPRESS 240 kV Double Circuit lines | 3ph fault at JENNER on JENNER - DOME EMPRESS 240 kV Double Circuit lines | | System Stable Voltage at Cypress, Dome Empress a bit low. | 50.00 PERCENT OF INITIAL LOAD SHED AT BUS 17459 and 2716 |
| | | | trip JENNER 240 kV breakers | 5 | | |
| | | | trip JENNER 275ST1 240/25 kV 3-winding transformer | 6 | | |
| | | | trip DOME EMPRESS 240 kV breakers | 6 | | |

















































































































































































































































































































































































































































































































































































































































































































































































































































































































































































