Summary

Feeder: Feeder_1

Event Start: 2023-12-06 | 11:14:46.933 AM

Event End: 2023-12-06 | 11:15:01.958 AM

Event Result: Success

Event Type: Fault

Lockout Time (From Device): 2023-12-06 | 11:14:46.915 AM

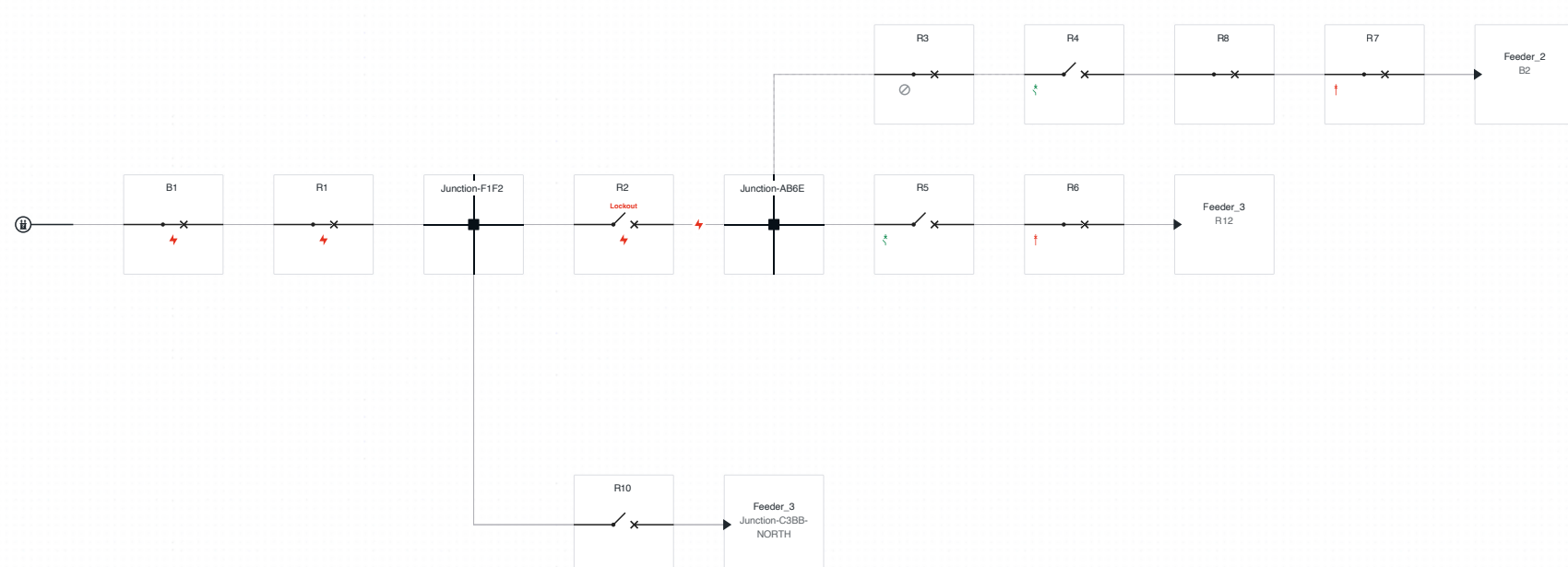**Duration:** 15.024 seconds

Feeder State at Time of Event
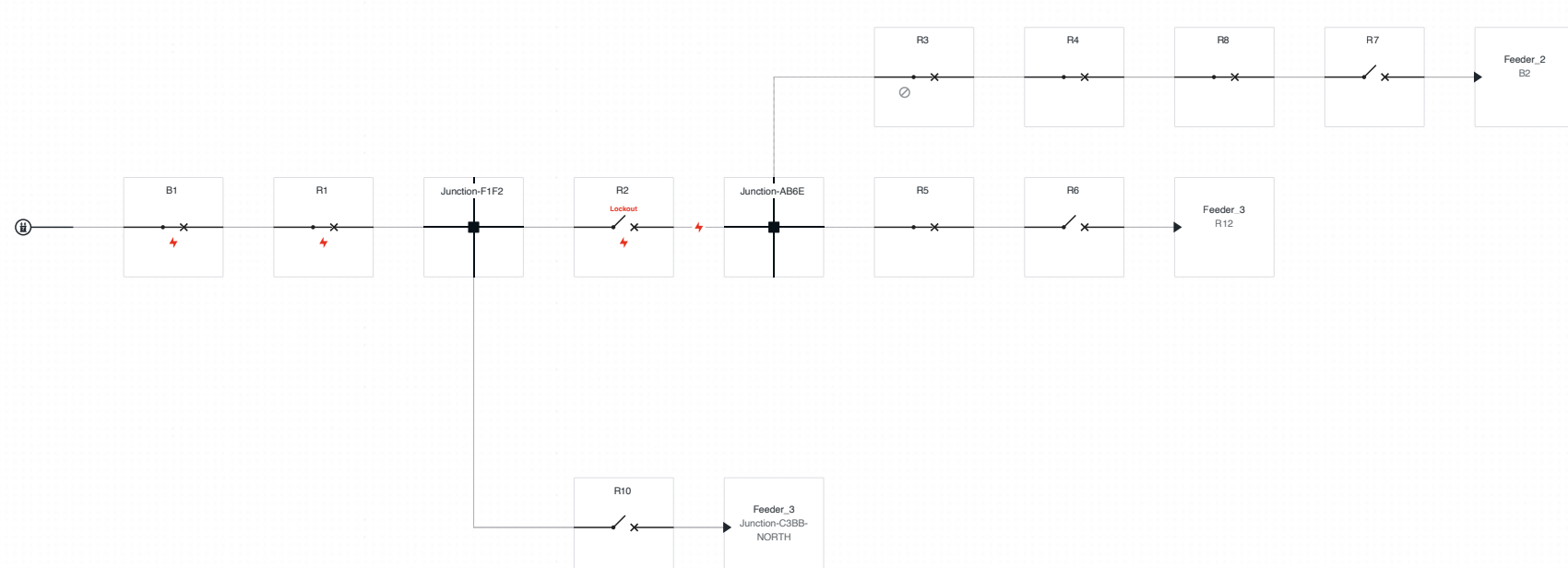
Feeder State After Reconfiguration

Device Details

Device	Initial Load (A)			Post-Lockout Voltage (V) Left PT			Right PT			Reconfiguration Status	
	A	B	C	A	B	C	A	B	C	Before	After
B1	101	101	101	12,470	12,470	12,470	12,470	12,470	12,470	Closed	Closed
R1	91	91	91	12,470	12,470	12,470	12,470	12,470	12,470	Closed	Closed
R10	0	0	0	12,470	12,470	12,470	12,470	12,470	12,470	Open	Open
R2	70	70	70	12,470	12,470	12,470	0	0	0	Open	Open
R3	30	30	30	0	0	0	0	0	0	Closed	Closed
R4	20	20	20	0	0	0	0	0	0	Closed	Open
R5	10	10	10	0	0	0	0	0	0	Closed	Open
R6	0	0	0	0	0	0	12,470	12,470	12,470	Open	Closed
R7	0	0	0	0	0	0	12,470	12,470	12,470	Open	Closed
R8	10	10	10	0	0	0	0	0	0	Closed	Closed

Adjacent Circuit Details

Connection	Initial Margin (A)	Feeder State	Reconfiguration Status Before	After
Feeder_2.B2	200	Enabled	Source Connected	Source Connected
Feeder_3.Junction-C3BB-NORTH	200	Enabled	Source Connected	Source Connected
Feeder_3.R12	200	Enabled	Source Connected	Source Connected

Post-Reconfiguration Loading

Initial Load Lost (A): 70

Fault Zone Load Lost (A): 40

Restored Load (A): 30

Unrestored Load (A): 0

Reconfiguration Plan

Control Sequence 1

1. ISOLATE	Open R2	Device was already open
2. SECTIONALIZE	Open R10	Device was already open
3. RESTORE	Close B1	Device was already closed
4. RESTORE	Close R1	Device was already closed

Control Sequence 2

1. ISOLATE	Open R4	Completed at 11:14:58.970 AM
2. RESTORE	Send close request to connection Feeder_2.B2	Completed at 11:14:58.972 AM
3. RESTORE	Close R7	Completed at 11:15:01.950 AM
4. RESTORE	Close R8	Device was already closed

Control Sequence 3

1. ISOLATE	Open R5	Completed at 11:14:58.971 AM
2. RESTORE	Send close request to connection Feeder_3.R12	Completed at 11:14:58.972 AM
3. RESTORE	Close R6	Completed at 11:15:01.950 AM

Control Sequence 4

1. SECTIONALIZE	Open R10	Device was already open

Optimization Order

1. Minimize unrestored load

2. Maximize energized segments

3. Minimize switching operations

4. Maximize margin