- Control conditions for all controllers of interest are fulfilled.

info - Element ' SYM1' is local reference in separated area of ' B1'

info - Element ' SYM1' is reference in 60.0 Hz-system

info - (t=-100:000 ms) Initial conditions calculated.

evt - (t=01:000 s) Grid\Line3.ElmLne:

Short-circuit with Fault Impedance Rf = 0.000001 Ohm Xf = 0.000000 Ohm

Fault Location: 50.0000 % from 'Grid\B4.ElmTerm'

evt - (t=01:101 s) Grid\B4\Cub\_1\Line3 Overcurrent Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=01:101 s) Grid\B4\Cub\_1\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

info - (t=01:101 s) Element ' SYM1' is local reference in separated area of ' B1'

info - (t=01:101 s) Element ' SYM1' is reference in 60.0 Hz-system

evt - (t=01:731 s) -------------------------------------------------------------

evt - (t=01:731 s) 'Grid\SYM2.ElmSym':

evt - (t=01:731 s) Generator out of step (pole slip).

evt - (t=02:000 s) Grid\B5\Cub\_1\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

info - (t=02:000 s) Element ' SYM1' is local reference in separated area of ' B1'

info - (t=02:000 s) Element ' SYM1' is reference in 60.0 Hz-system

evt - (t=02:852 s) Grid\B1\Cub\_2\SYM1 OFGT Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=02:852 s) Grid\B2\Cub\_4\Load1 UFLS Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=02:852 s) Grid\B3\Cub\_2\Load2 UFLS Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=02:852 s) Grid\B3\Cub\_7\SYM2 OFGT Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=02:852 s) Grid\B3\Cub\_2\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

evt - (t=02:852 s) Grid\B3\Cub\_7\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

evt - (t=02:852 s) Grid\B1\Cub\_2\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

evt - (t=02:852 s) Grid\B2\Cub\_4\Switch.StaSwitch:

Circuit-Breaker Action: 'Open' - 'All phases'.

info - (t=02:852 s) Grid split into 3 isolated areas

evt - (t=13:665 s) Grid\B1\Cub\_2\SYM1 OFGT Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=13:665 s) Grid\B2\Cub\_4\Load1 UFLS Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=13:665 s) Grid\B3\Cub\_2\Load2 UFLS Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=13:665 s) Grid\B3\Cub\_7\SYM2 OFGT Relay.ElmRelay:

Relay is tripping. 'Open' signal is sent to the connected breaker(s).

evt - (t=13:665 s) Control Switch Event 'Switch Event(5)' not possible. Breaker already opened.

evt - (t=13:665 s) Control Switch Event 'Switch Event(6)' not possible. Breaker already opened.

evt - (t=13:665 s) Control Switch Event 'Switch Event(7)' not possible. Breaker already opened.

evt - (t=13:665 s) Control Switch Event 'Switch Event(8)' not possible. Breaker already opened.

info - (t=20:000 s) Simulation successfully executed.