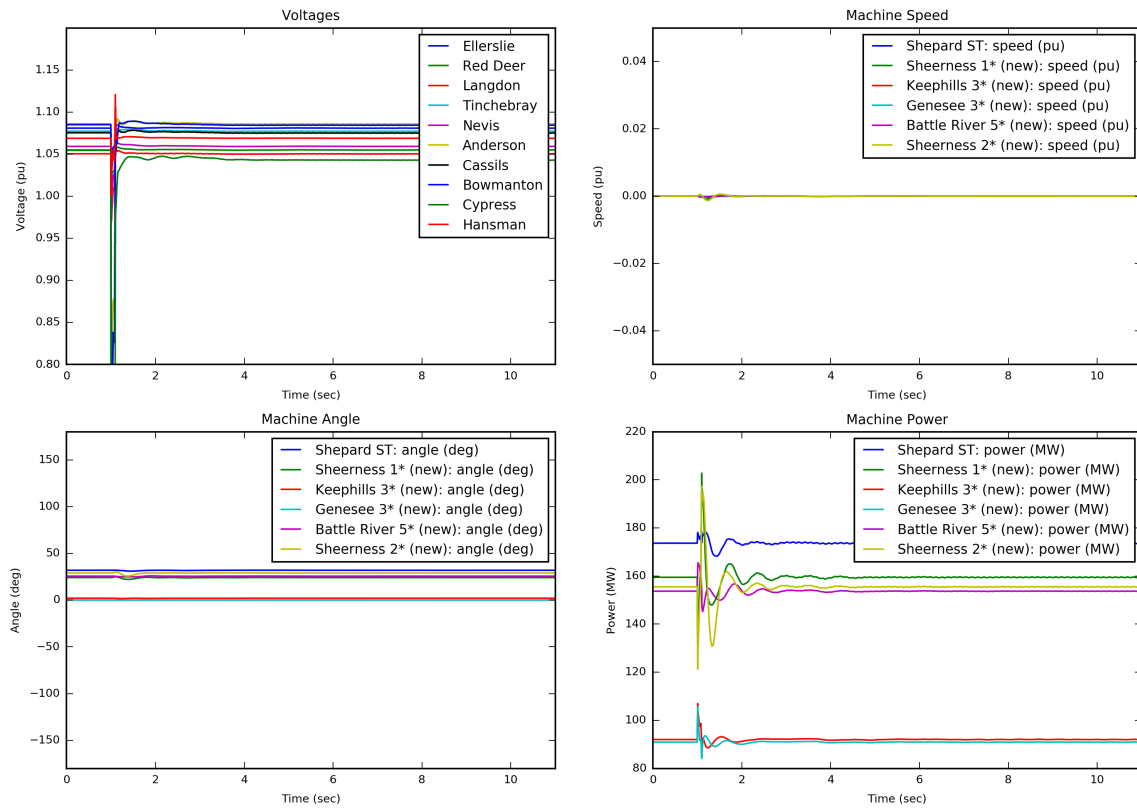


**Attachment F**

**Transient Simulation Results**

**Section: F-12**

**Figure 1**



**Case Description**

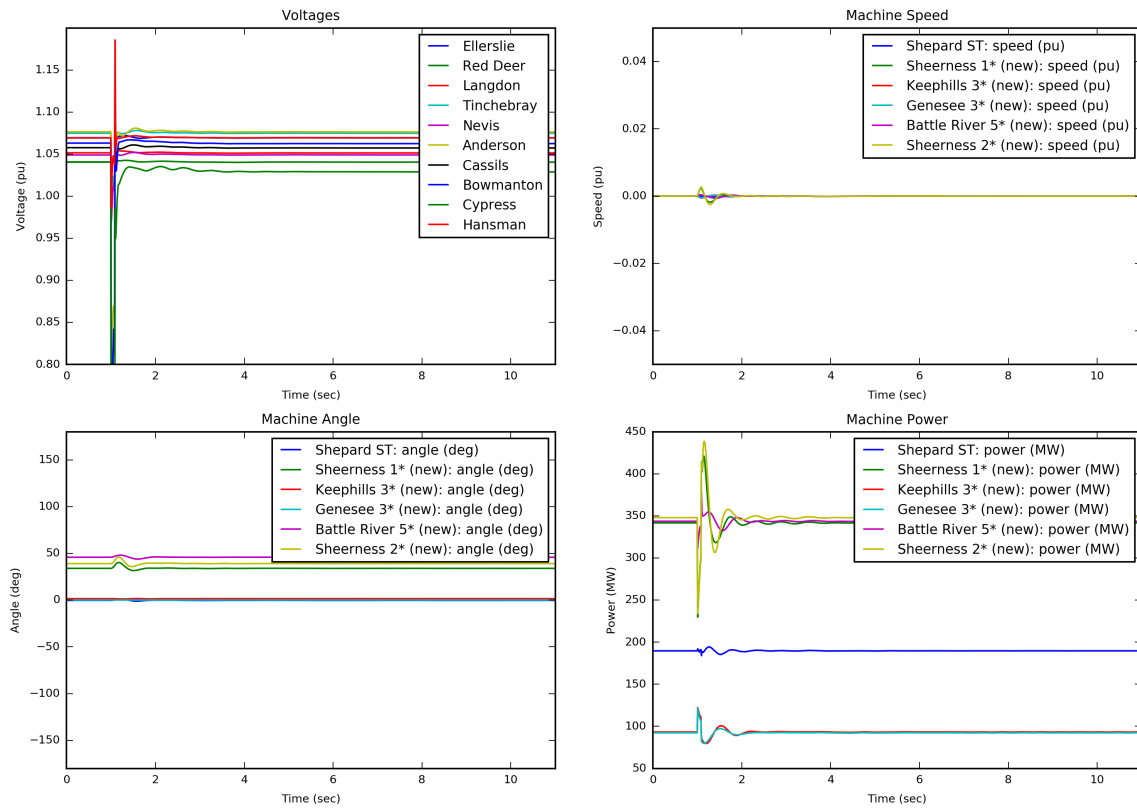
- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1002L (Dome Empress - Jenner) near Dome Empress
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1002L (Dome Empress - Jenner)
- T = 1.1010 s: Fault is cleared



**Figure 2**



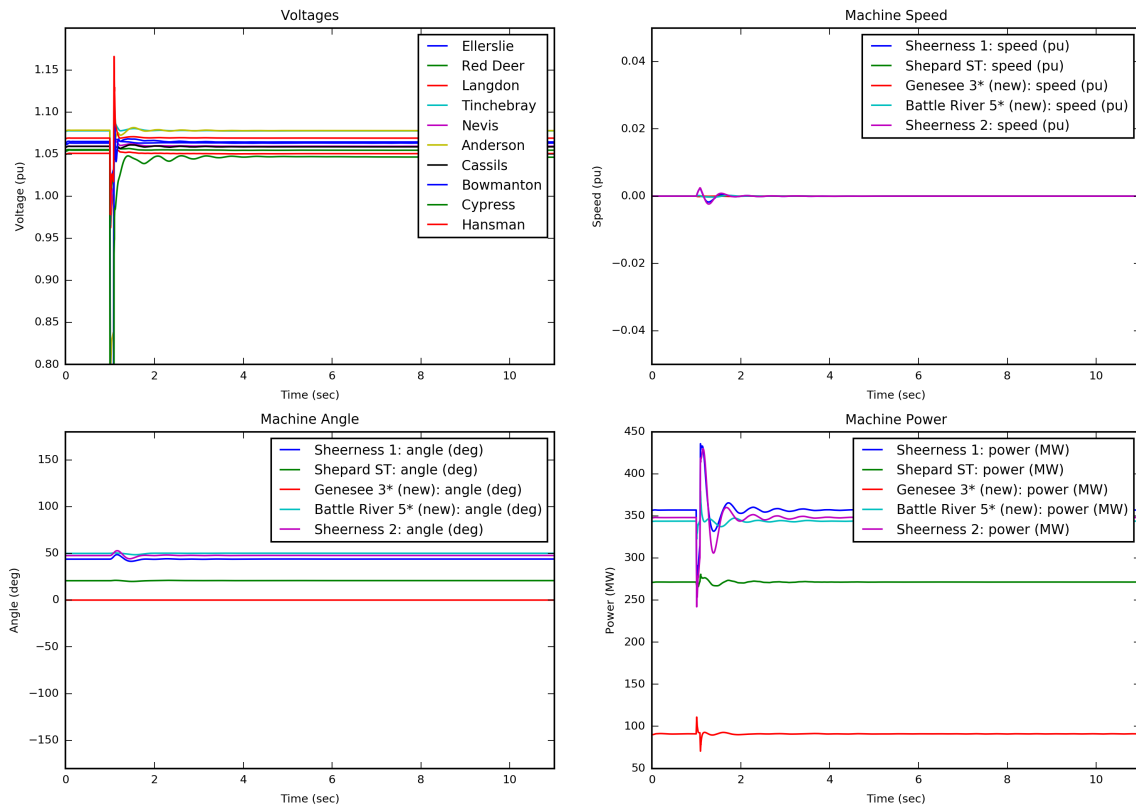
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1002L (Dome Empress - Jenner) near Dome Empress
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1002L (Dome Empress - Jenner)
- T = 1.1010 s: Fault is cleared

**Figure 3**



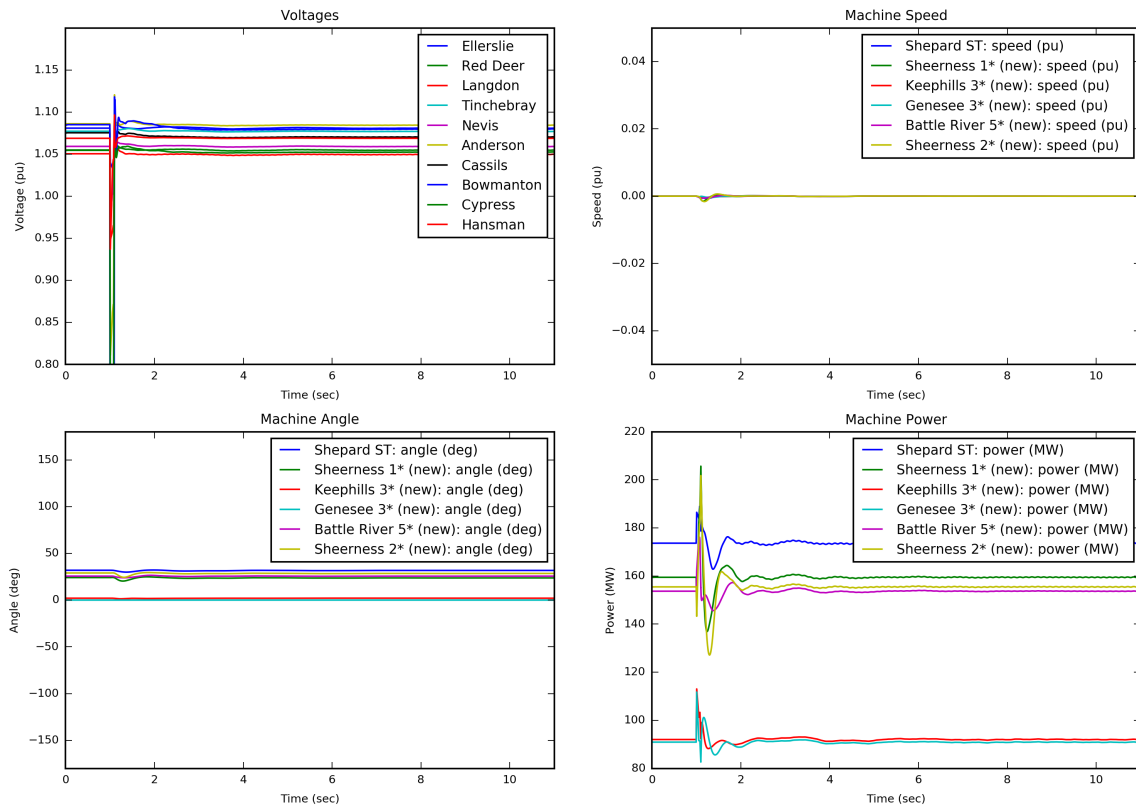
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1002L (Dome Empress - Jenner) near Dome Empress
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1002L (Dome Empress - Jenner)
- T = 1.1010 s: Fault is cleared

**Figure 4**



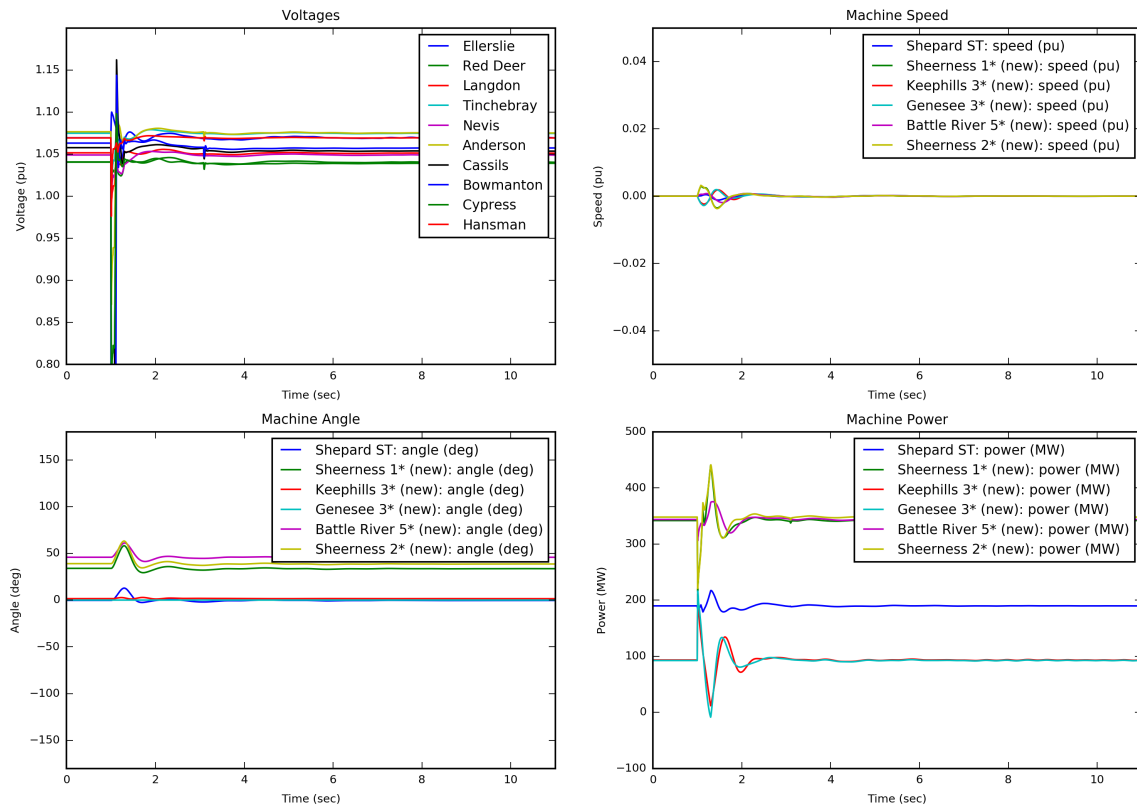
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Cassils - Bowmanton) near Bowmanton
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Cassils - Bowmanton)
- T = 1.1010 s: Fault is cleared

**Figure 5**



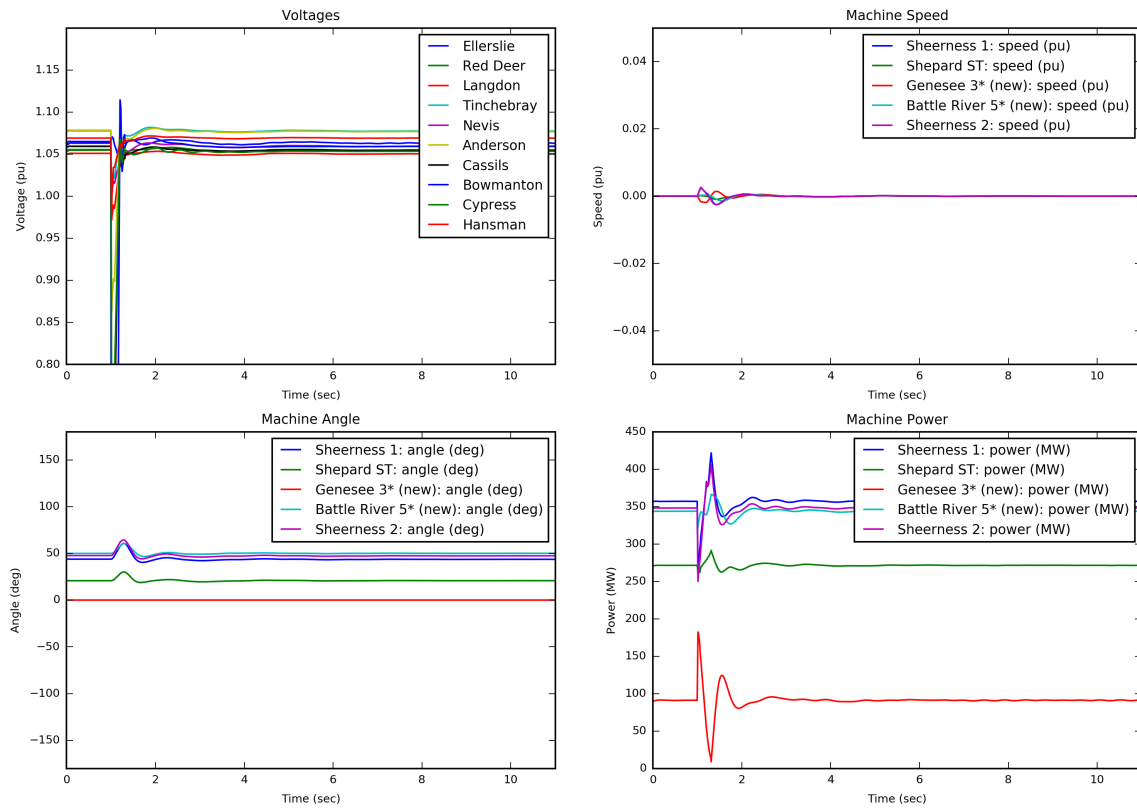
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Cassils - Bowmanton) near Bowmanton
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Cassils - Bowmanton)
- T = 1.1010 s: Fault is cleared

**Figure 6**



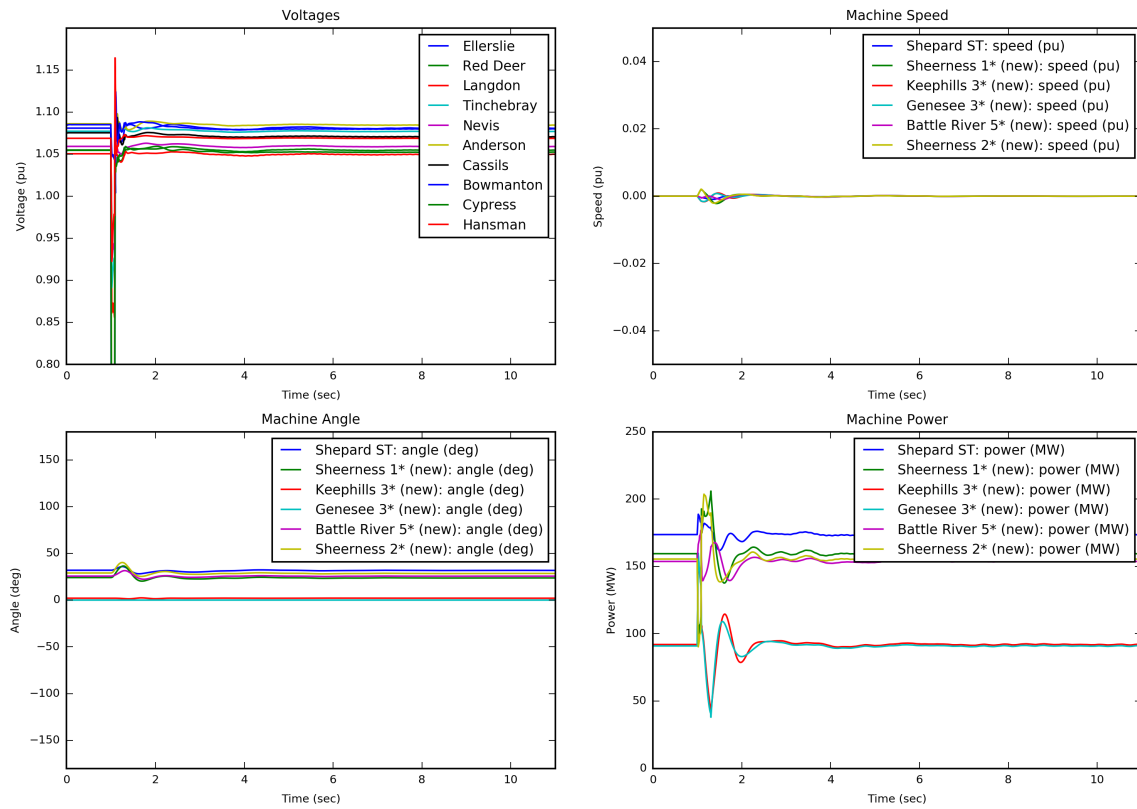
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Cassils - Bowmanton) near Bowmanton
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Cassils - Bowmanton)
- T = 1.1010 s: Fault is cleared

**Figure 7**



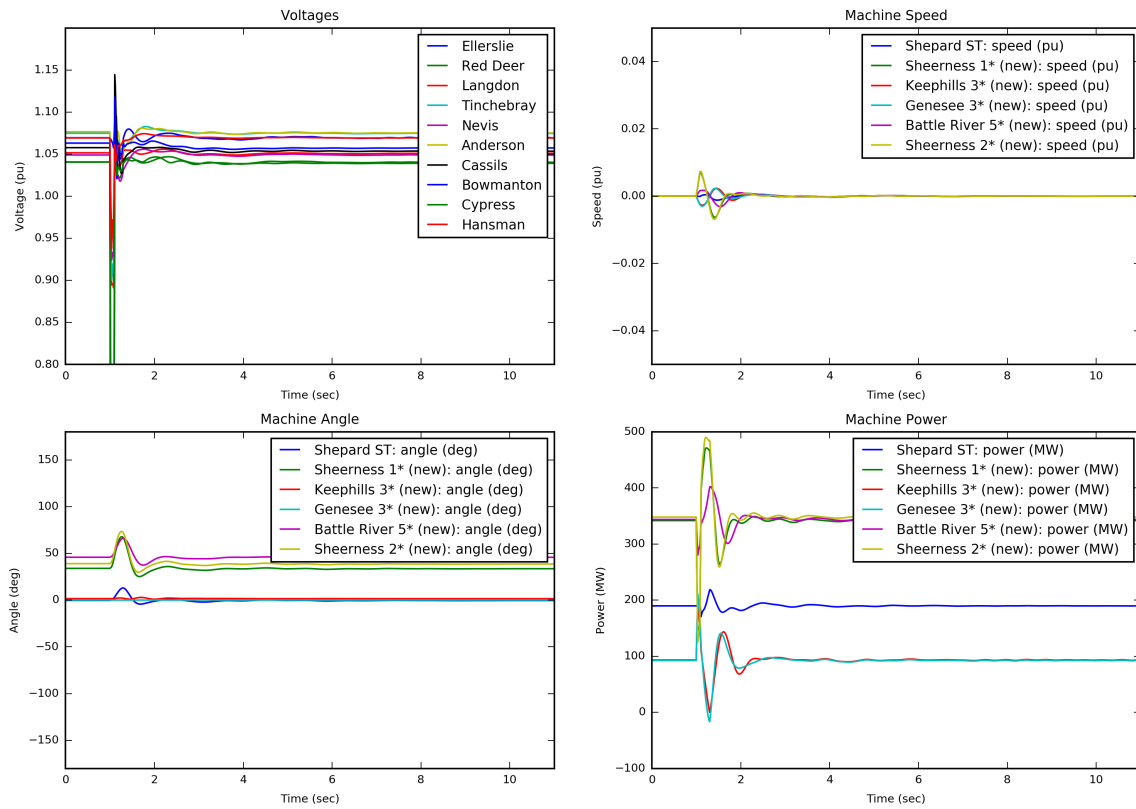
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Bowmanton - Cassils) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Bowmanton - Cassils)
- T = 1.1010 s: Fault is cleared

**Figure 8**



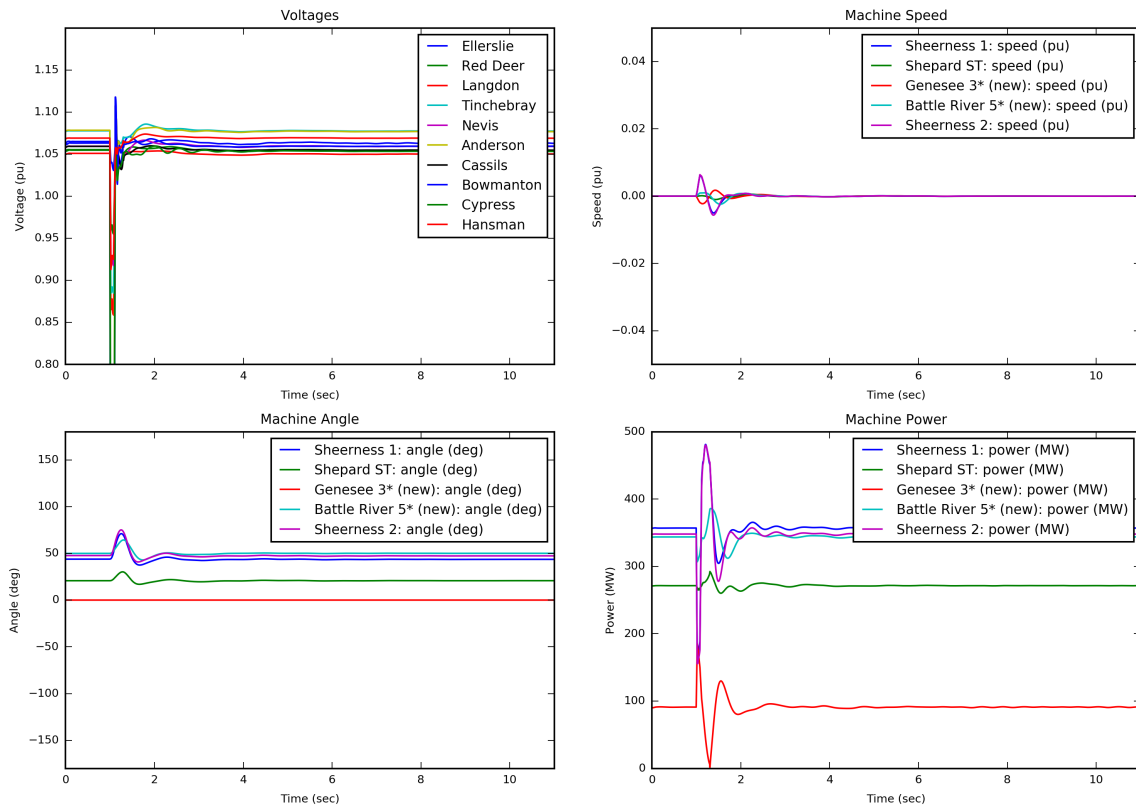
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Bowmanton - Cassils) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Bowmanton - Cassils)
- T = 1.1010 s: Fault is cleared

**Figure 9**



**Case Description**

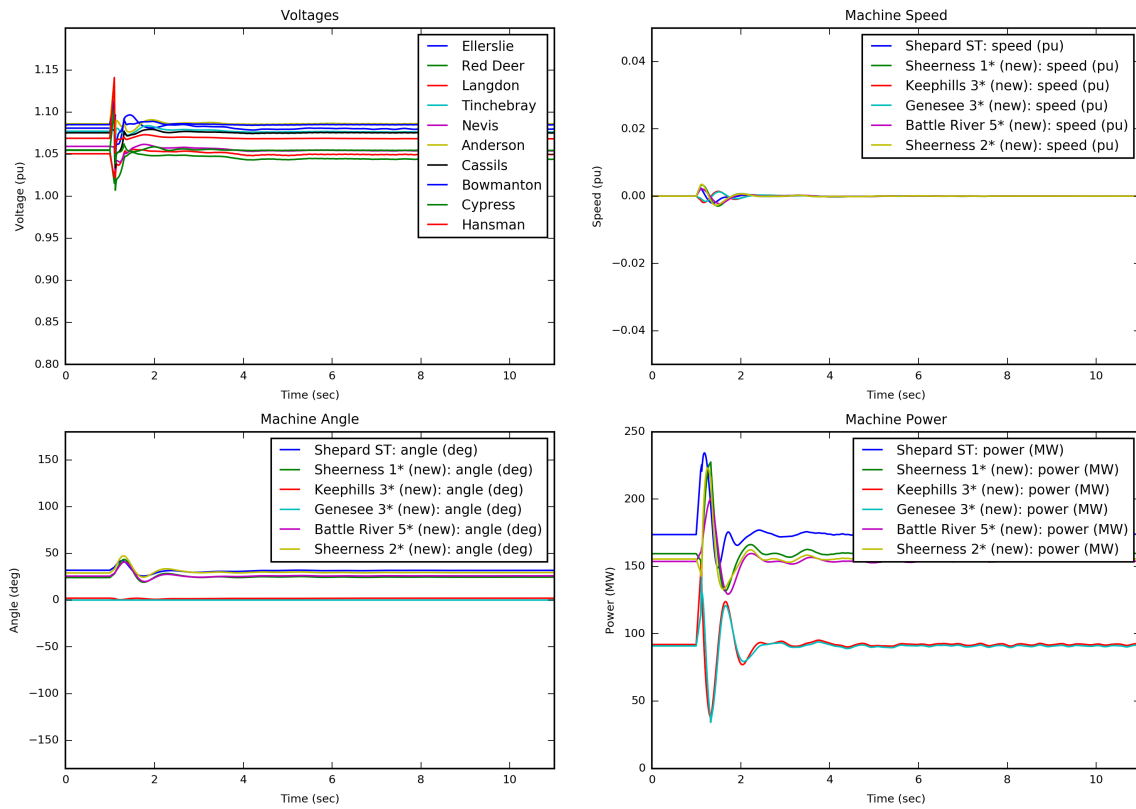
- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 1034L (Bowmanton - Cassils) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 1034L (Bowmanton - Cassils)
- T = 1.1010 s: Fault is cleared



**Figure 10**



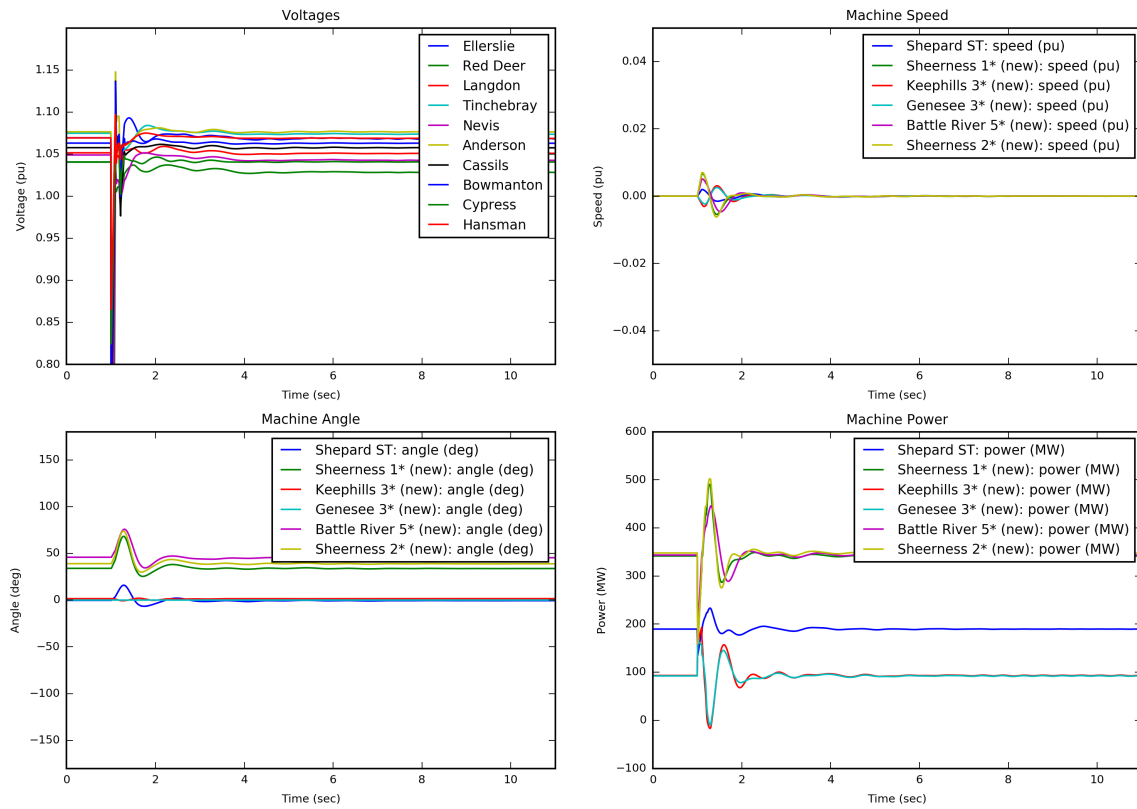
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Benalto - Red Deer) near Red Deer
- T = 1.0920 s: Tripped 900L (Benalto - Red Deer)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 11**



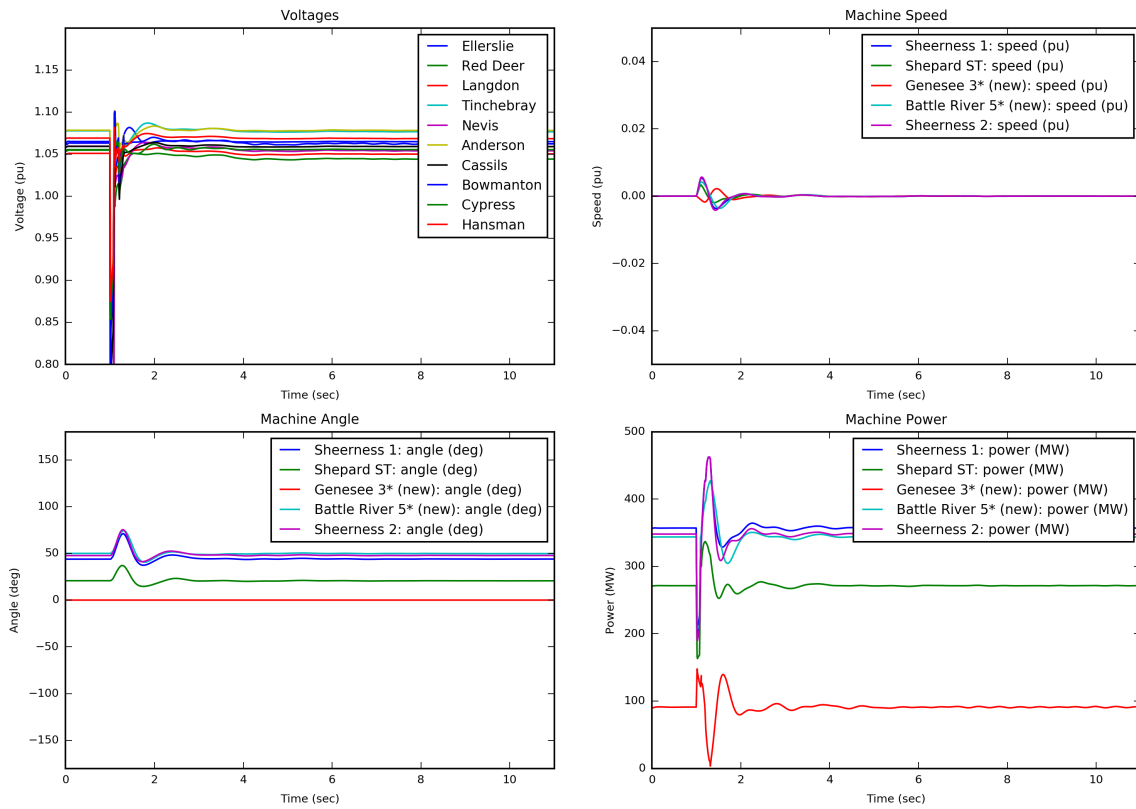
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Benalto - Red Deer) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 900L (Benalto - Red Deer)
- T = 1.0920 s: Fault is cleared

**Figure 12**



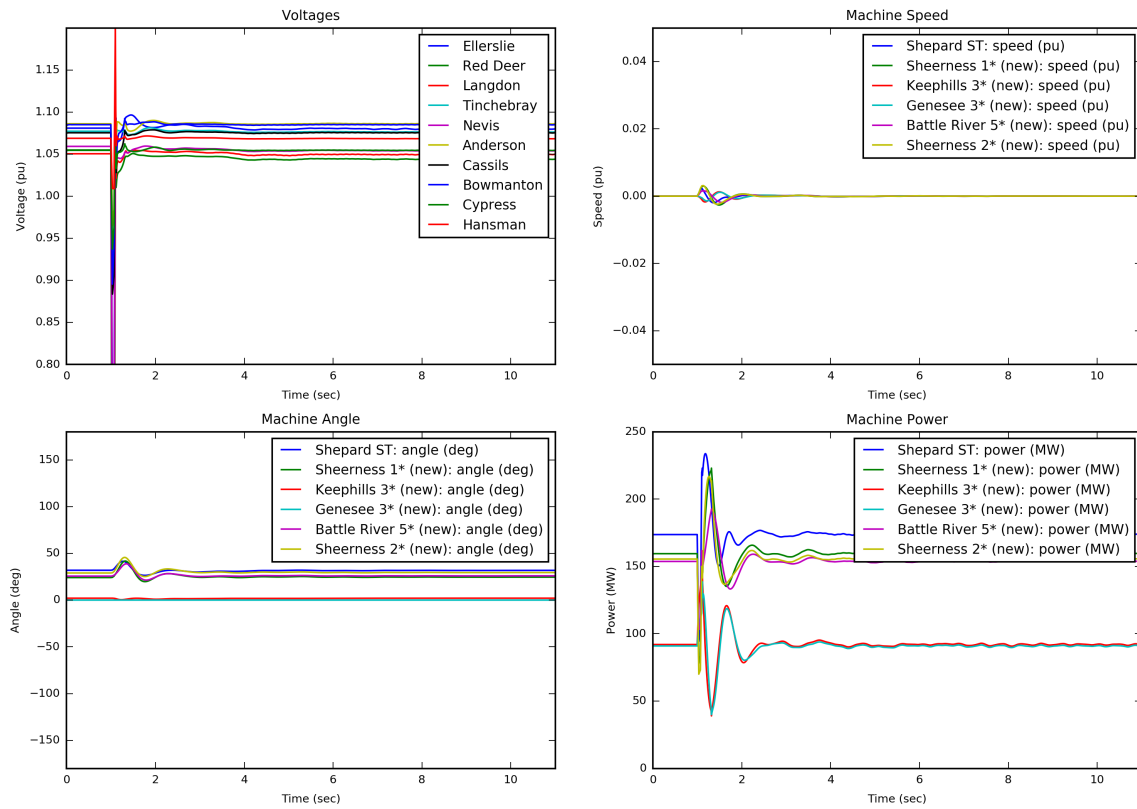
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Benalto - Red Deer) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 900L (Benalto - Red Deer)
- T = 1.0920 s: Fault is cleared

**Figure 13**



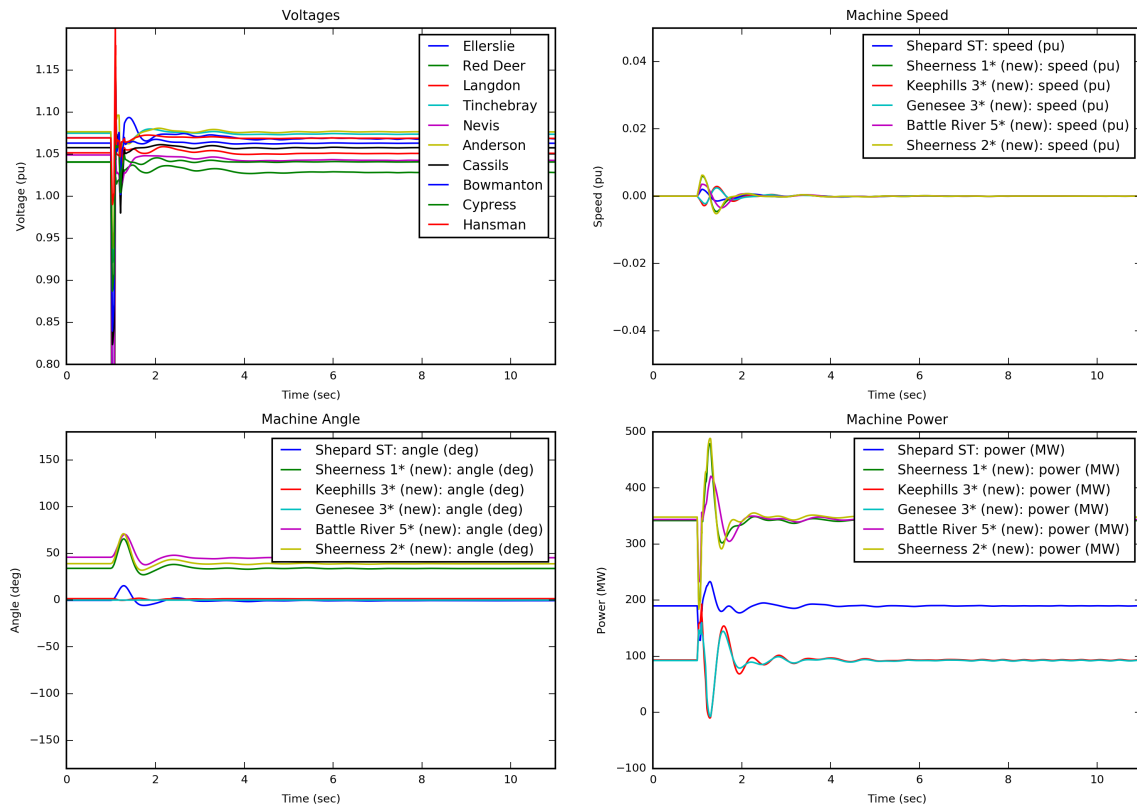
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Red Deer - Benalto) near Benalto
- T = 1.0920 s: Tripped 900L (Red Deer - Benalto)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 14**



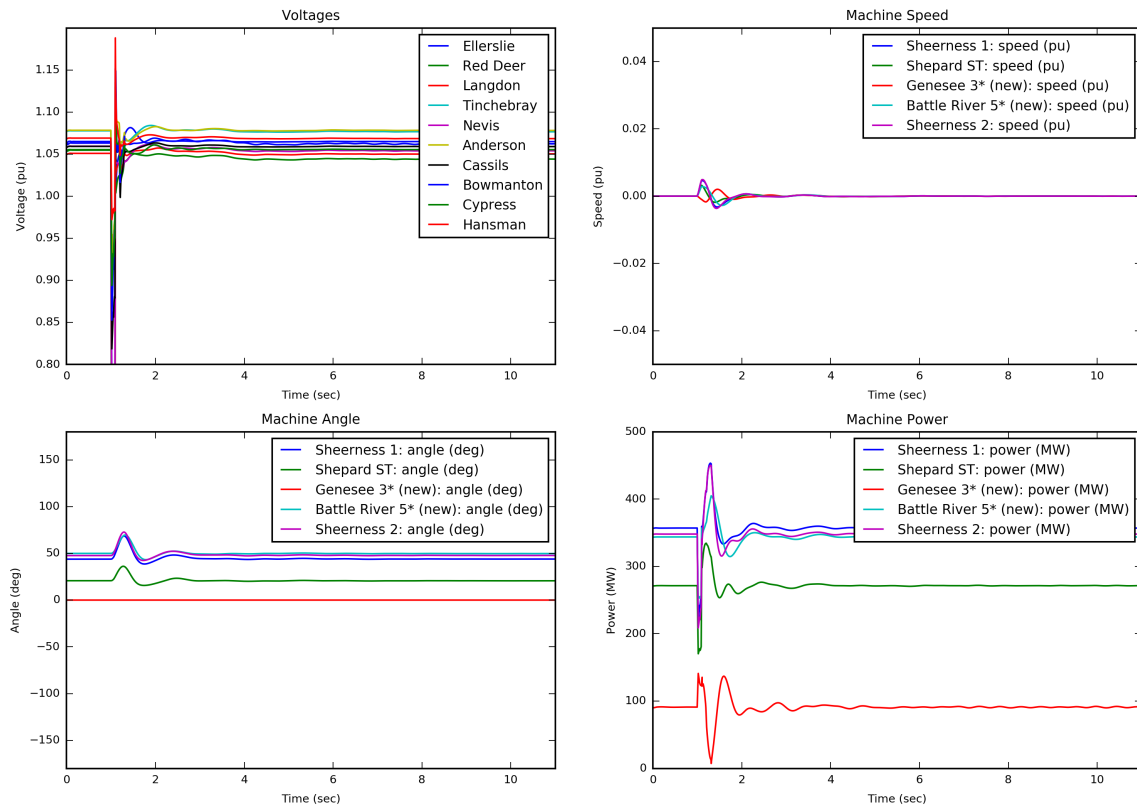
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Red Deer - Benalto) near Benalto
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 900L (Red Deer - Benalto)
- T = 1.0920 s: Fault is cleared

**Figure 15**



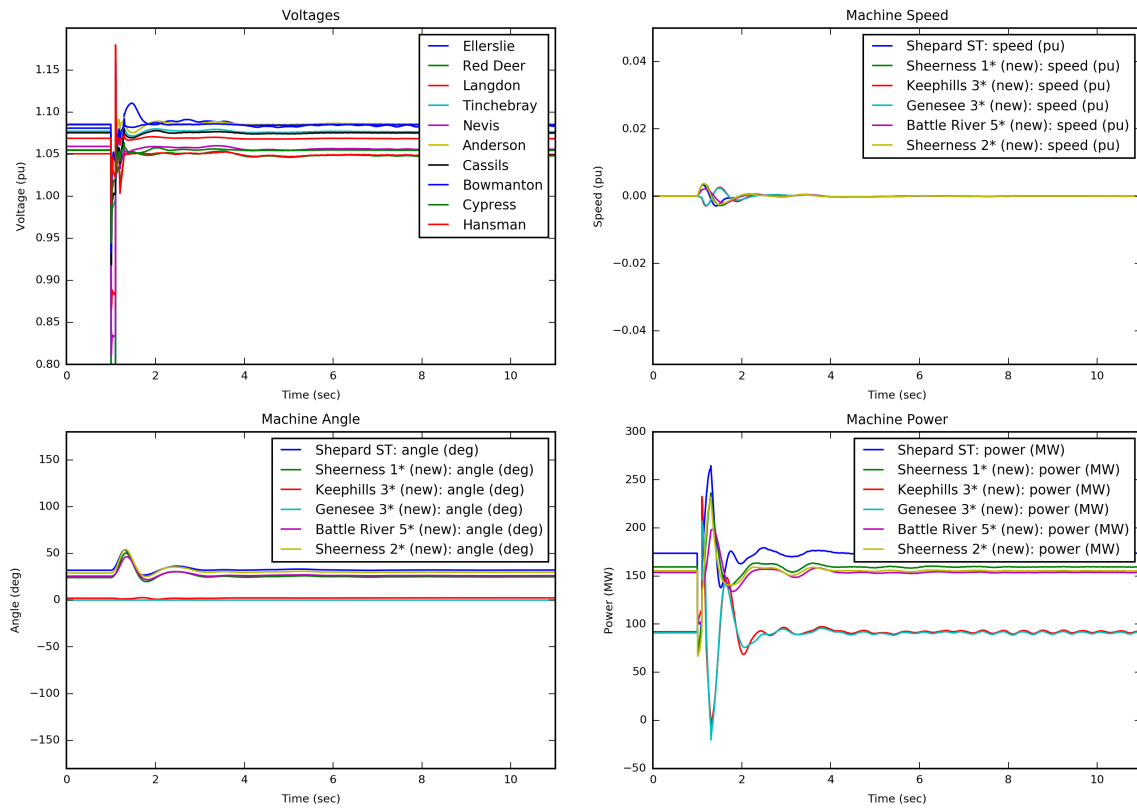
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 900L (Red Deer - Benalto) near Benalto
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 900L (Red Deer - Benalto)
- T = 1.0920 s: Fault is cleared

**Figure 16**



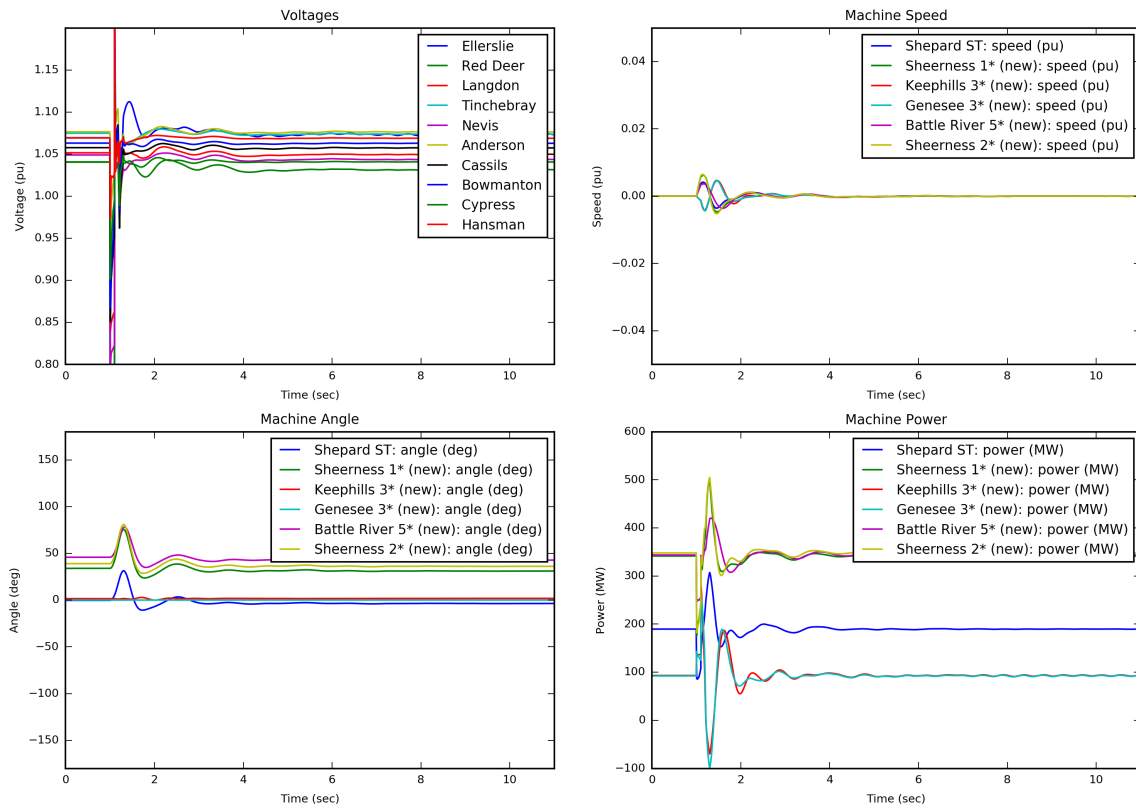
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Saunders Lake
- T = 1.1010 s: Tripped 910L
- T = 1.1010 s: Tripped 914L
- T = 1.1010 s: Fault is cleared

**Figure 17**



**Case Description**

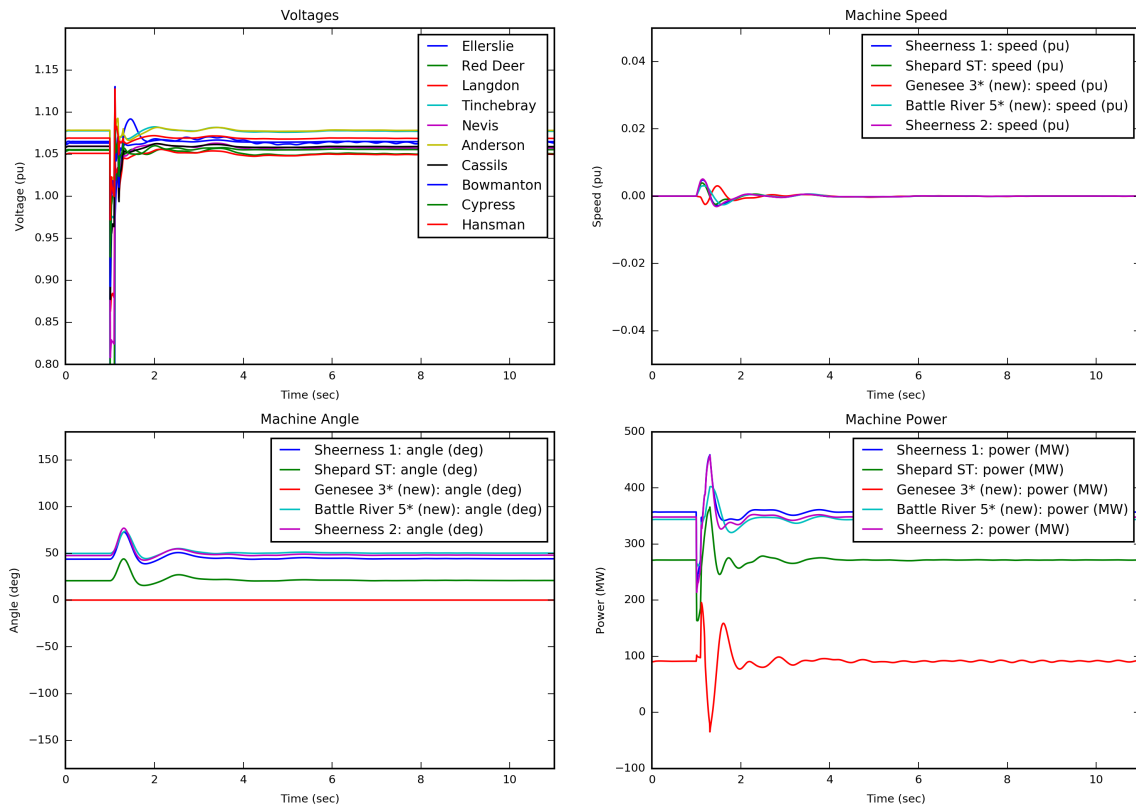
- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Saunders Lake
- T = 1.1010 s: Tripped 910L
- T = 1.1010 s: Tripped 914L
- T = 1.1010 s: Fault is cleared



**Figure 18**



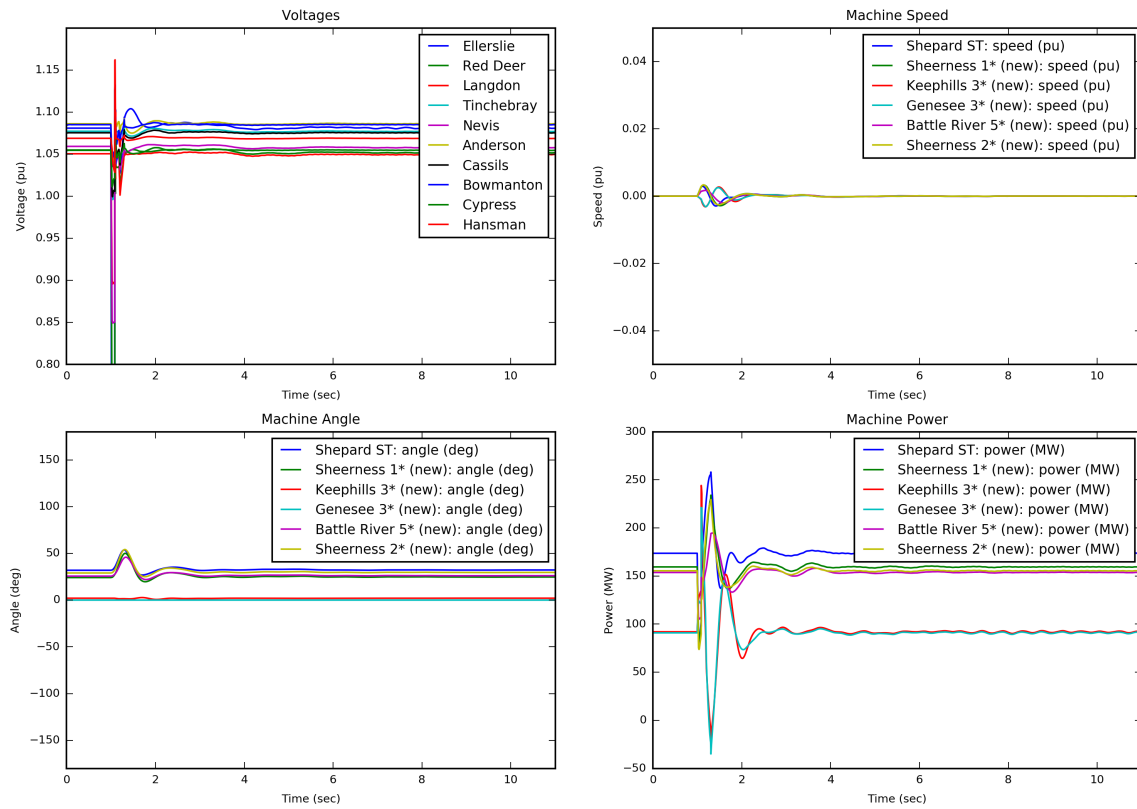
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Saunders Lake
- T = 1.1010 s: Tripped 910L
- T = 1.1010 s: Tripped 914L
- T = 1.1010 s: Fault is cleared

**Figure 19**



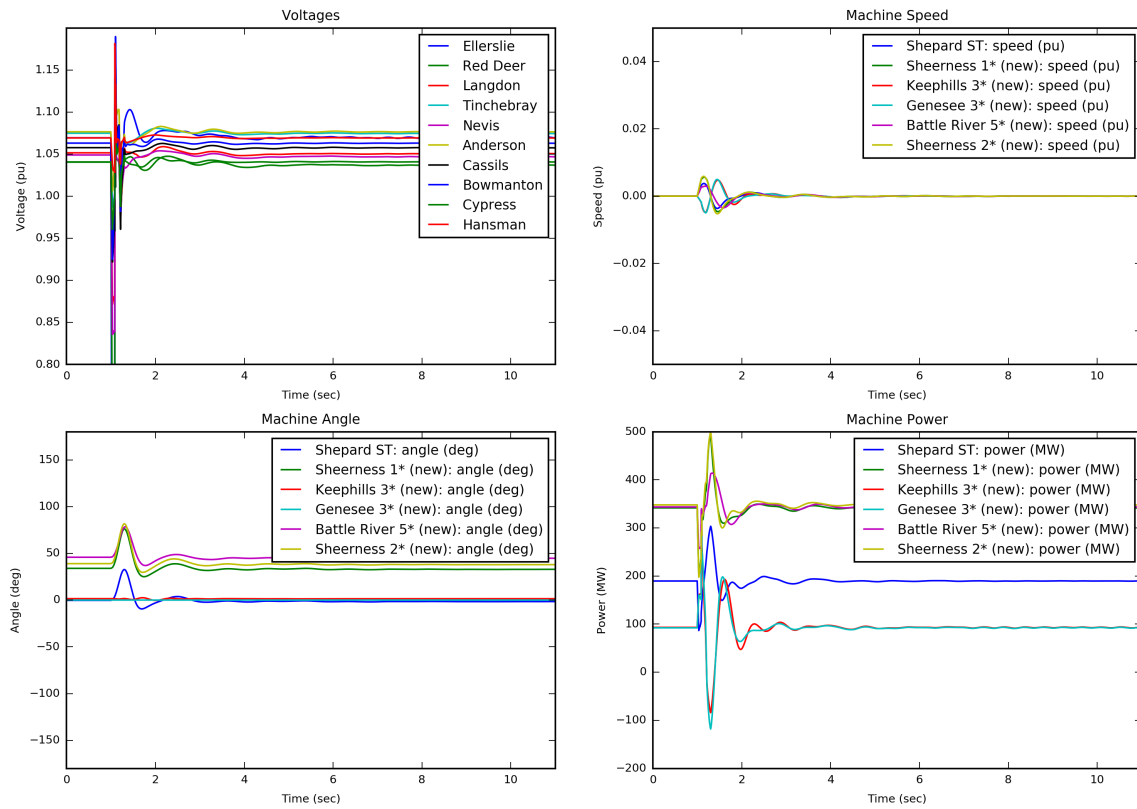
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Saunders Lake - Wolf Creek) near Saunders Lake
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Saunders Lake - Wolf Creek)
- T = 1.1010 s: Fault is cleared

**Figure 20**



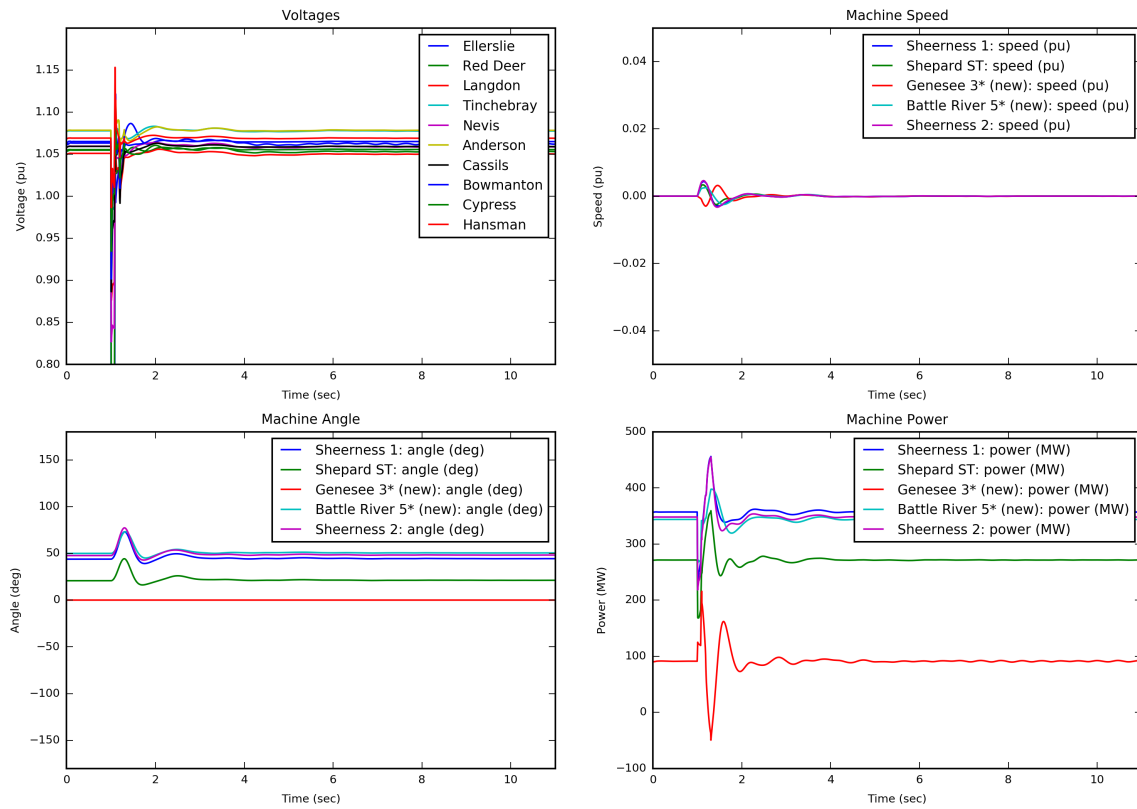
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Saunders Lake - Wolf Creek) near Saunders Lake
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Saunders Lake - Wolf Creek)
- T = 1.1010 s: Fault is cleared

**Figure 21**



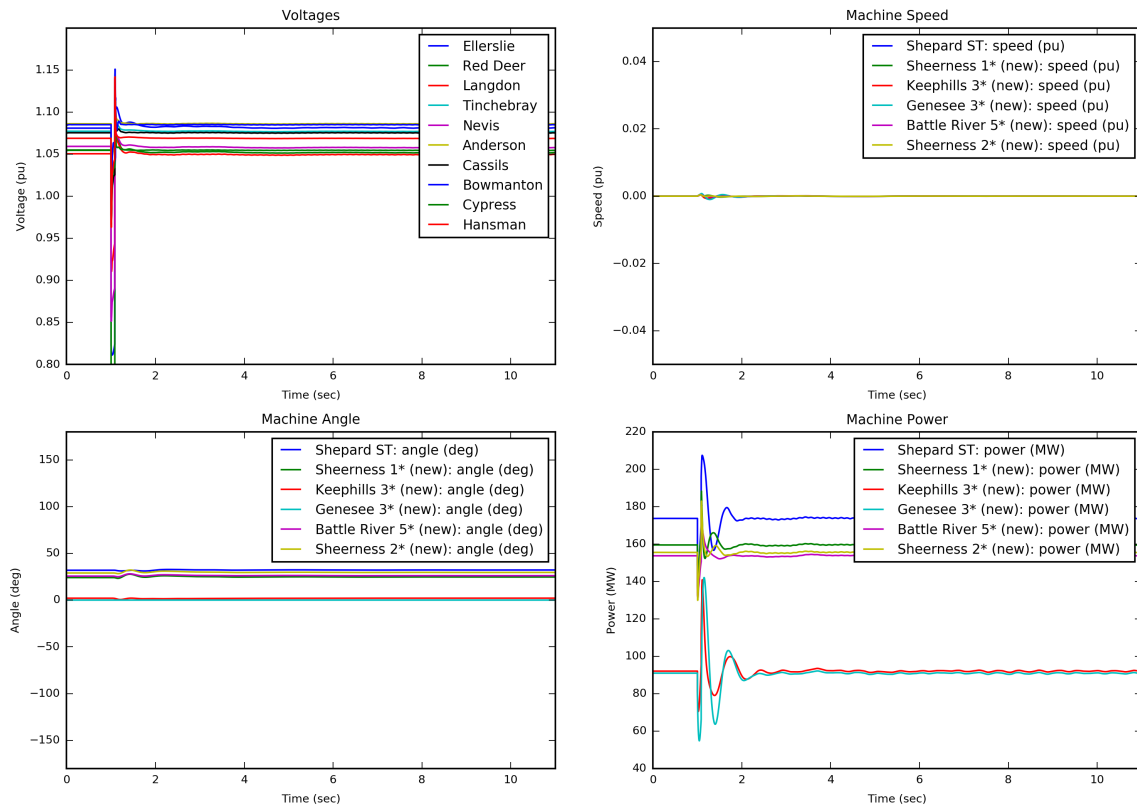
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Saunders Lake - Wolf Creek) near Saunders Lake
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Saunders Lake - Wolf Creek)
- T = 1.1010 s: Fault is cleared

**Figure 22**



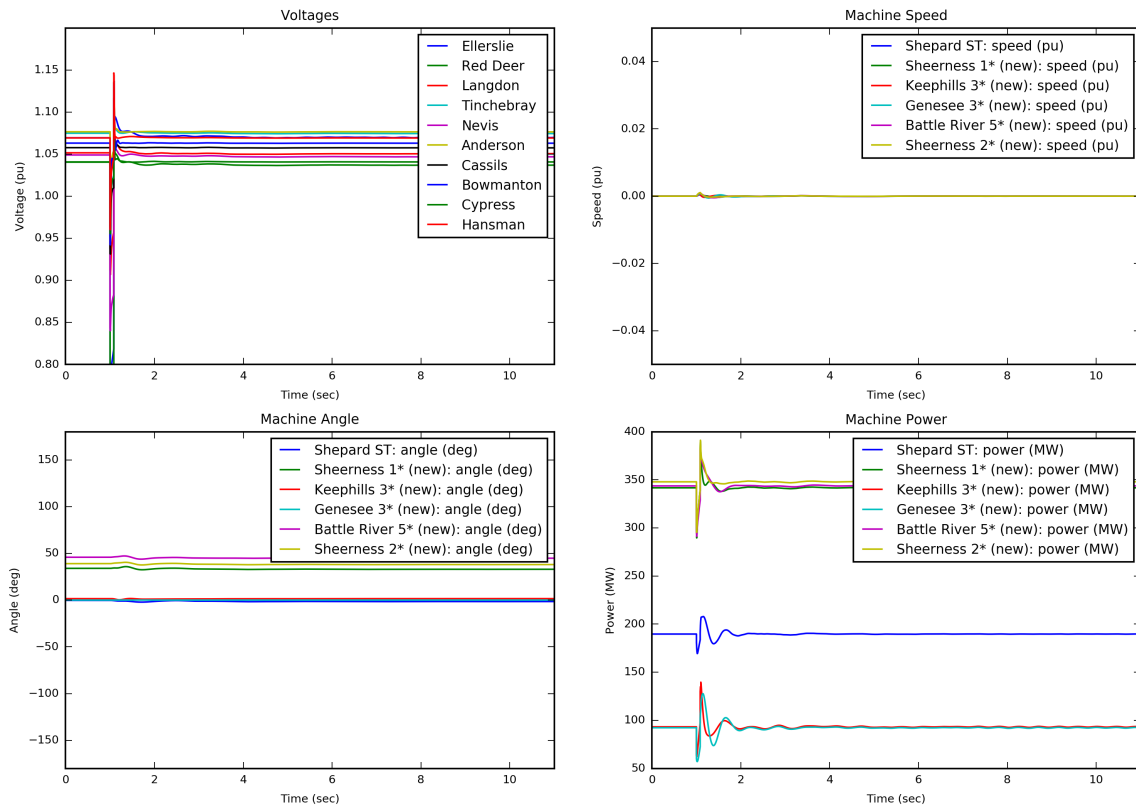
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Wolf Creek - Saunders Lake) near Wolf Creek
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Wolf Creek - Saunders Lake)
- T = 1.1010 s: Fault is cleared

**Figure 23**



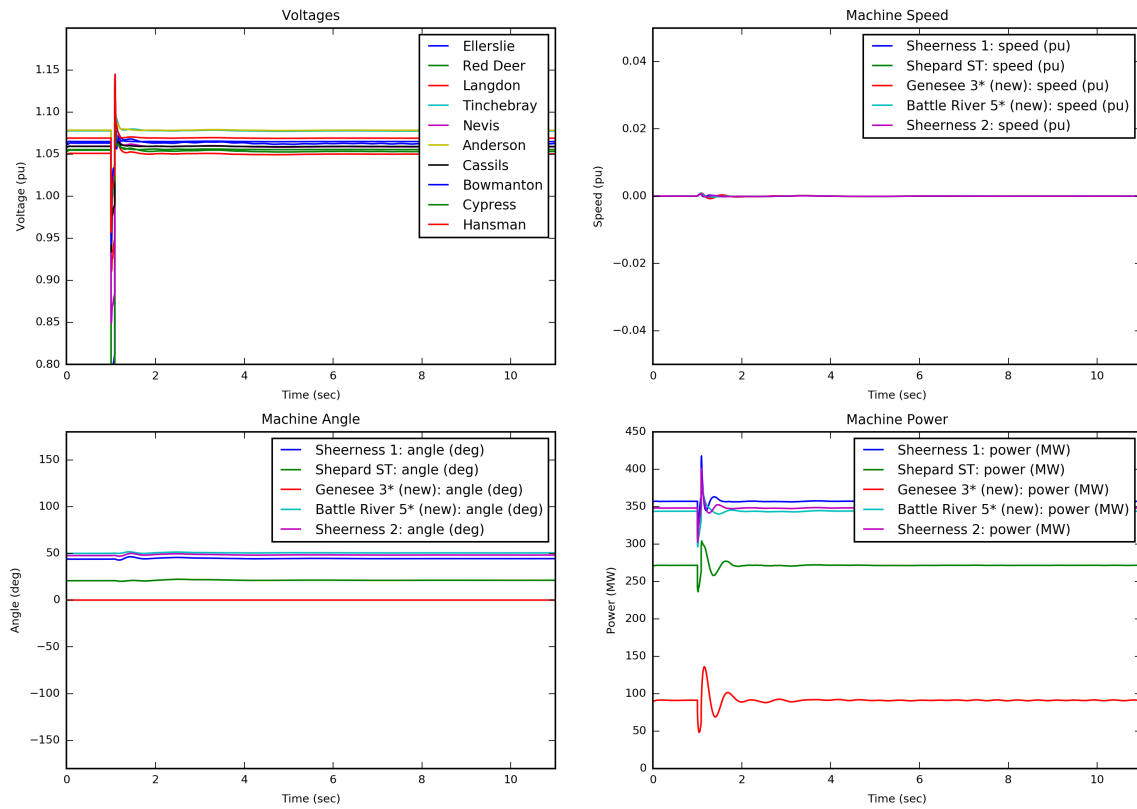
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Wolf Creek - Saunders Lake) near Wolf Creek
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Wolf Creek - Saunders Lake)
- T = 1.1010 s: Fault is cleared

**Figure 24**



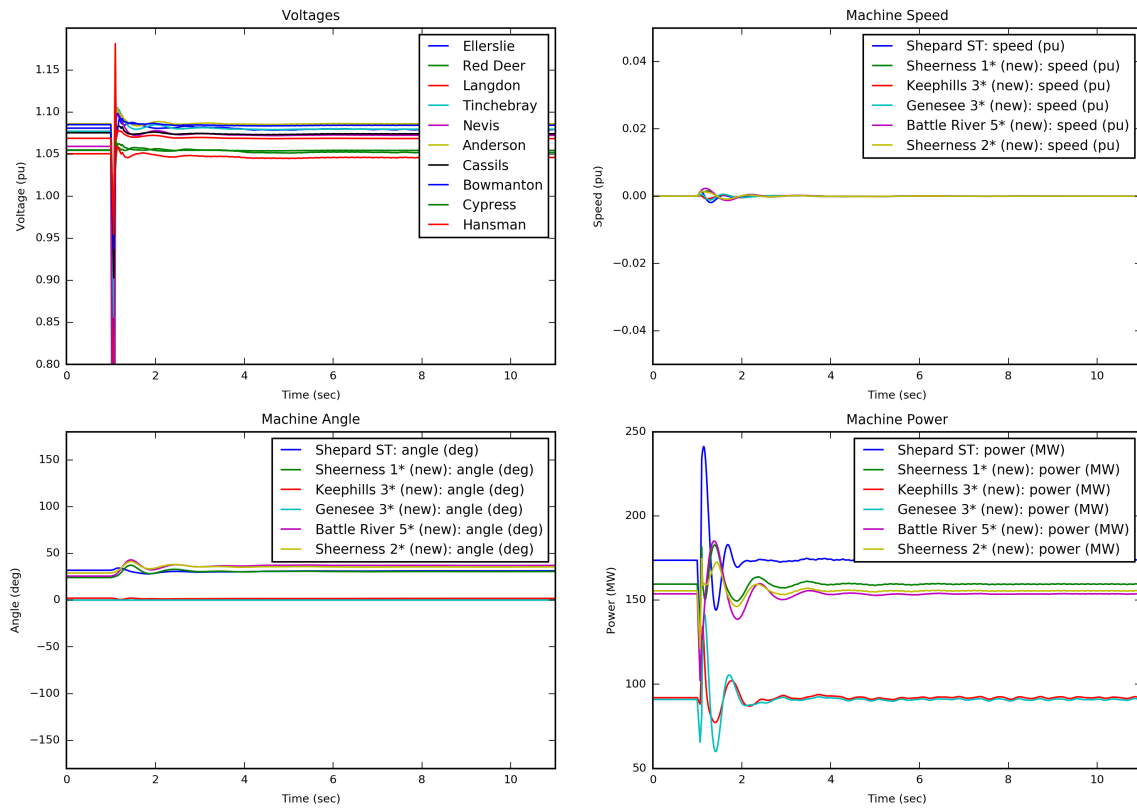
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 910L (Wolf Creek - Saunders Lake) near Wolf Creek
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 910L (Wolf Creek - Saunders Lake)
- T = 1.1010 s: Fault is cleared

**Figure 25**



**Case Description**

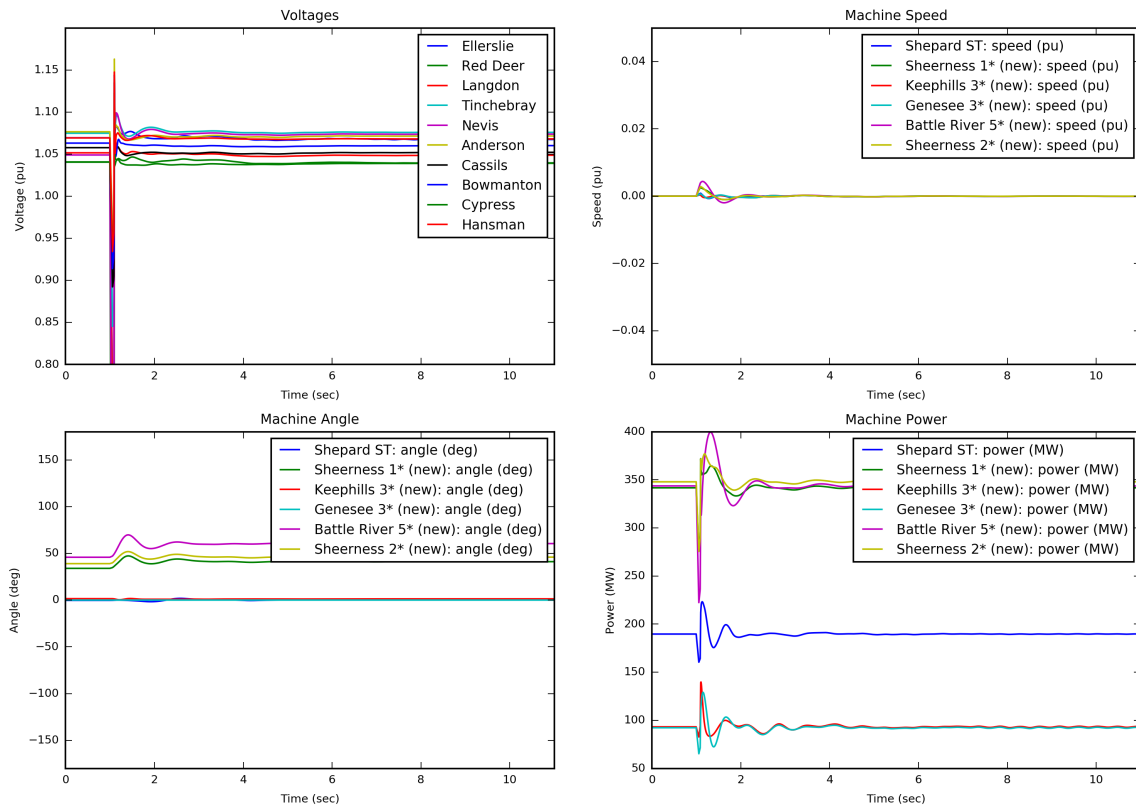
- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Nevis - Red Deer) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 912L (Nevis - Red Deer)
- T = 1.0920 s: Fault is cleared



**Figure 26**



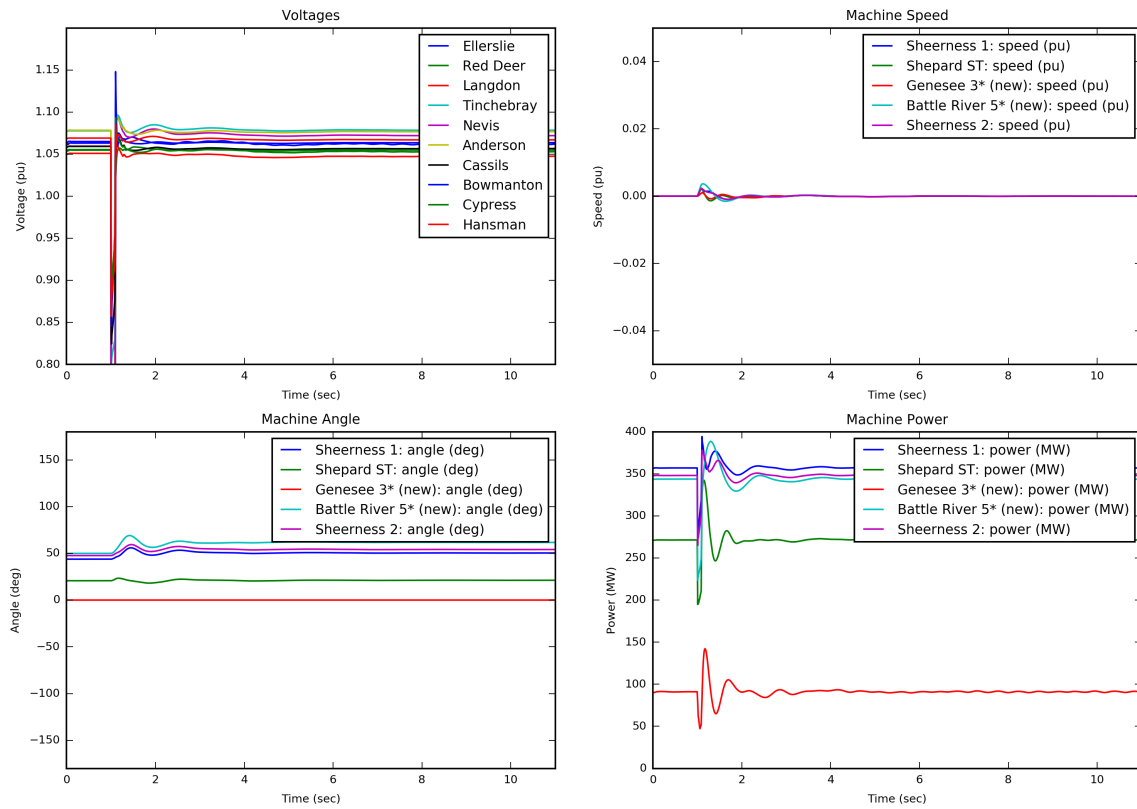
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Nevis - Red Deer) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 912L (Nevis - Red Deer)
- T = 1.0920 s: Fault is cleared

**Figure 27**



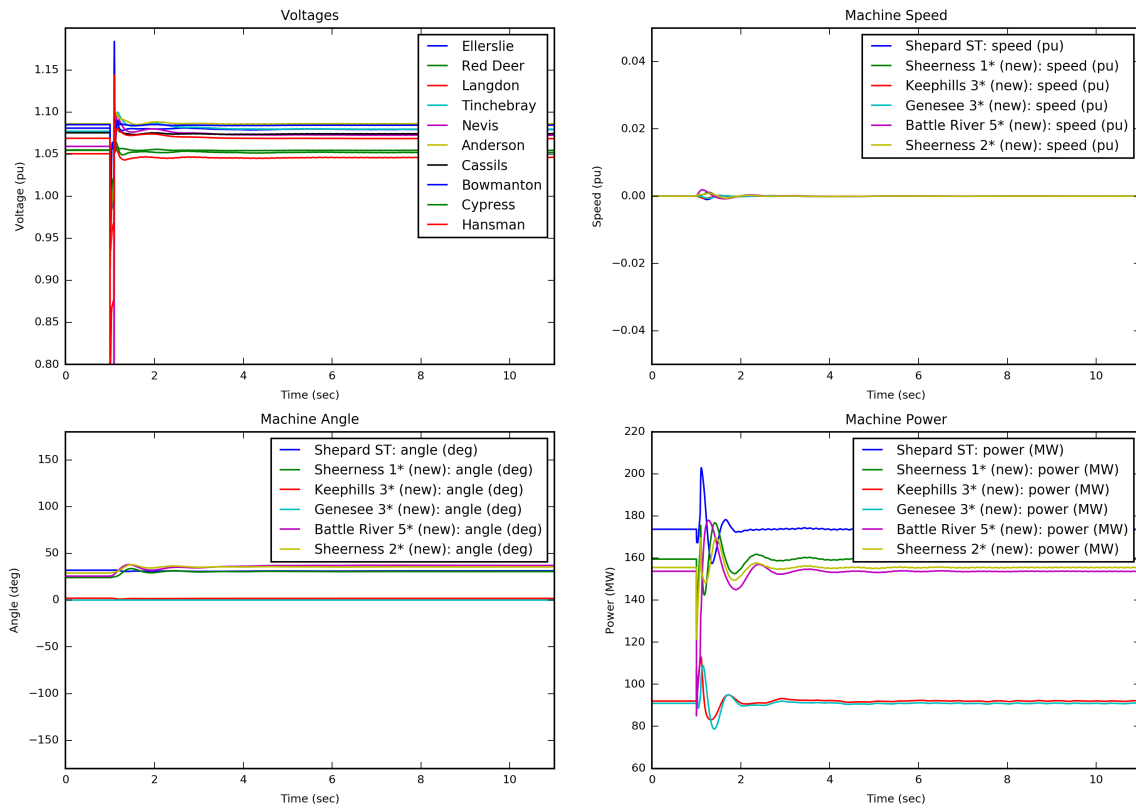
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Nevis - Red Deer) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 912L (Nevis - Red Deer)
- T = 1.0920 s: Fault is cleared

**Figure 28**



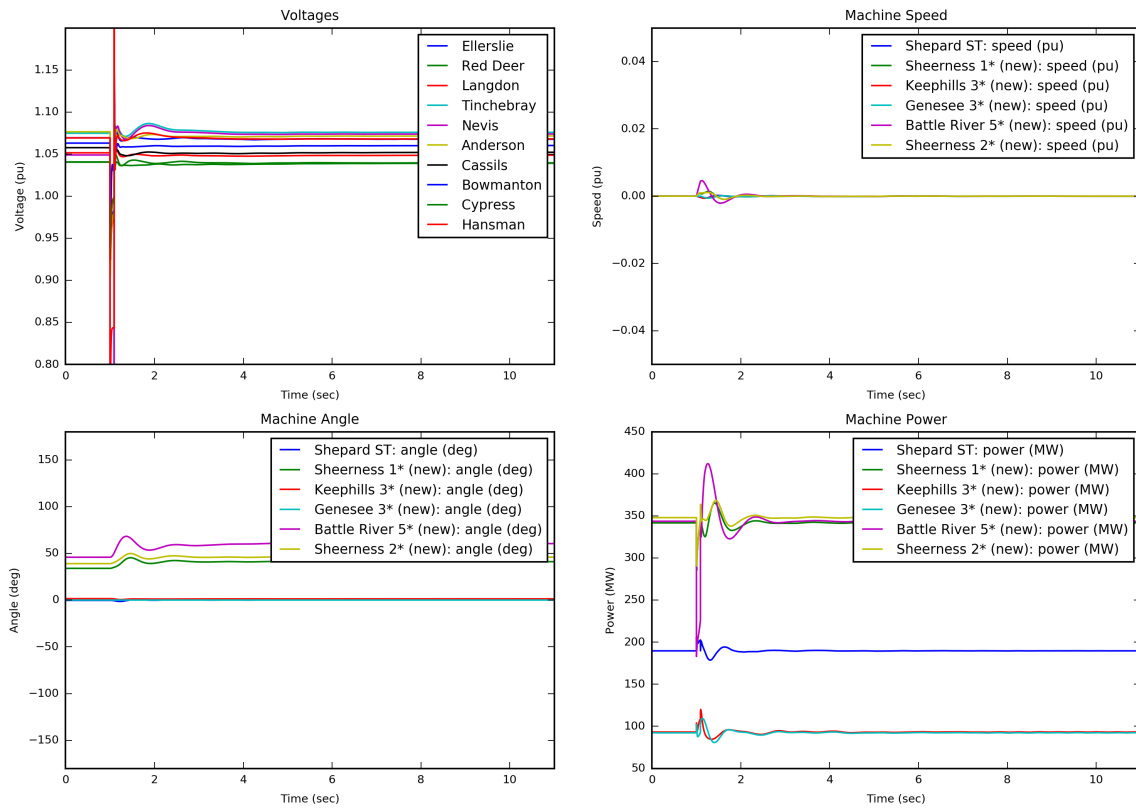
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Red Deer - Nevis) near Nevis
- T = 1.0920 s: Tripped 912L (Red Deer - Nevis)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 29**



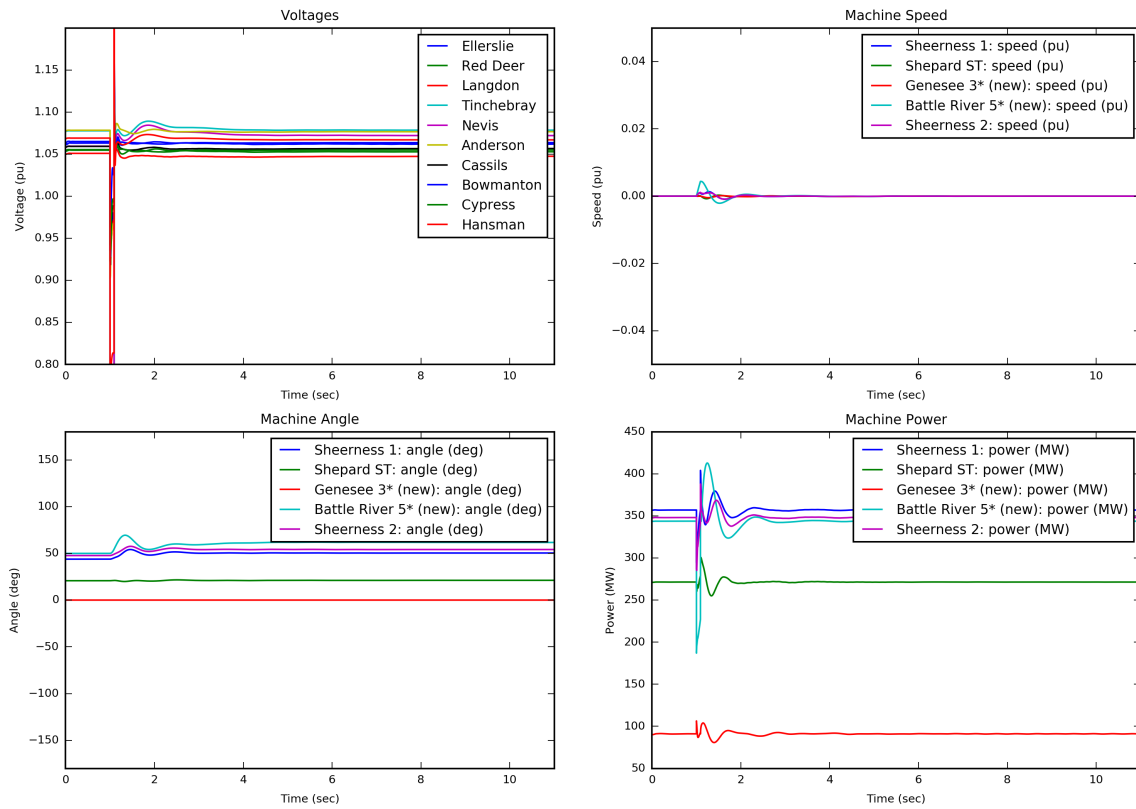
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Red Deer - Nevis) near Nevis
- T = 1.0920 s: Tripped 912L (Red Deer - Nevis)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 30**



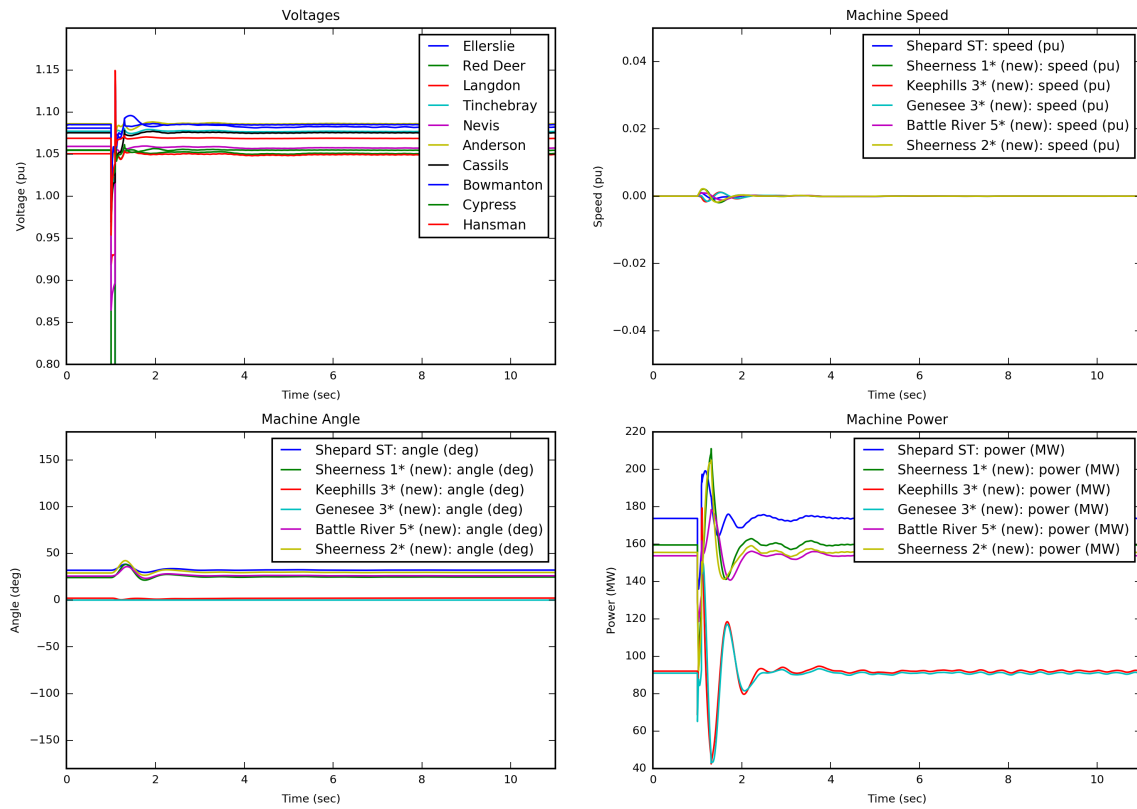
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 912L (Red Deer - Nevis) near Nevis
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 912L (Red Deer - Nevis)
- T = 1.0920 s: Fault is cleared

**Figure 31**



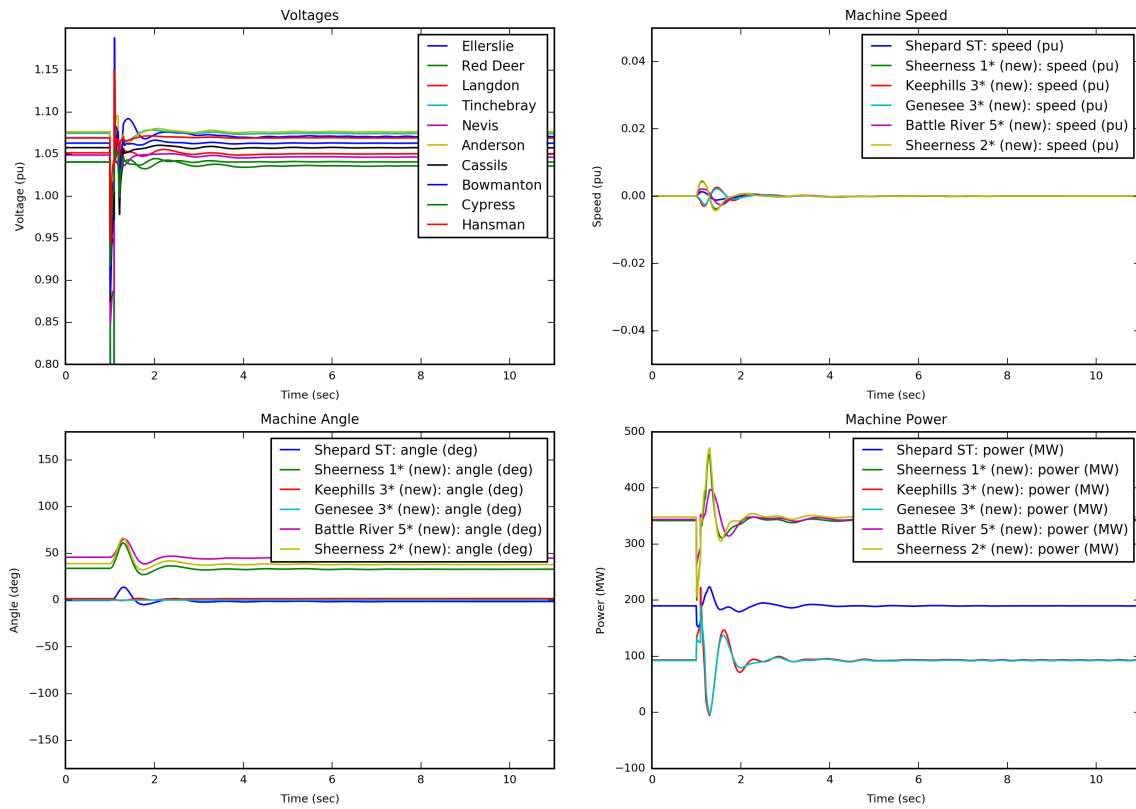
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Bigstone - Gaetz) near Bigstone
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 914L (Bigstone - Gaetz)
- T = 1.0920 s: Fault is cleared

**Figure 32**



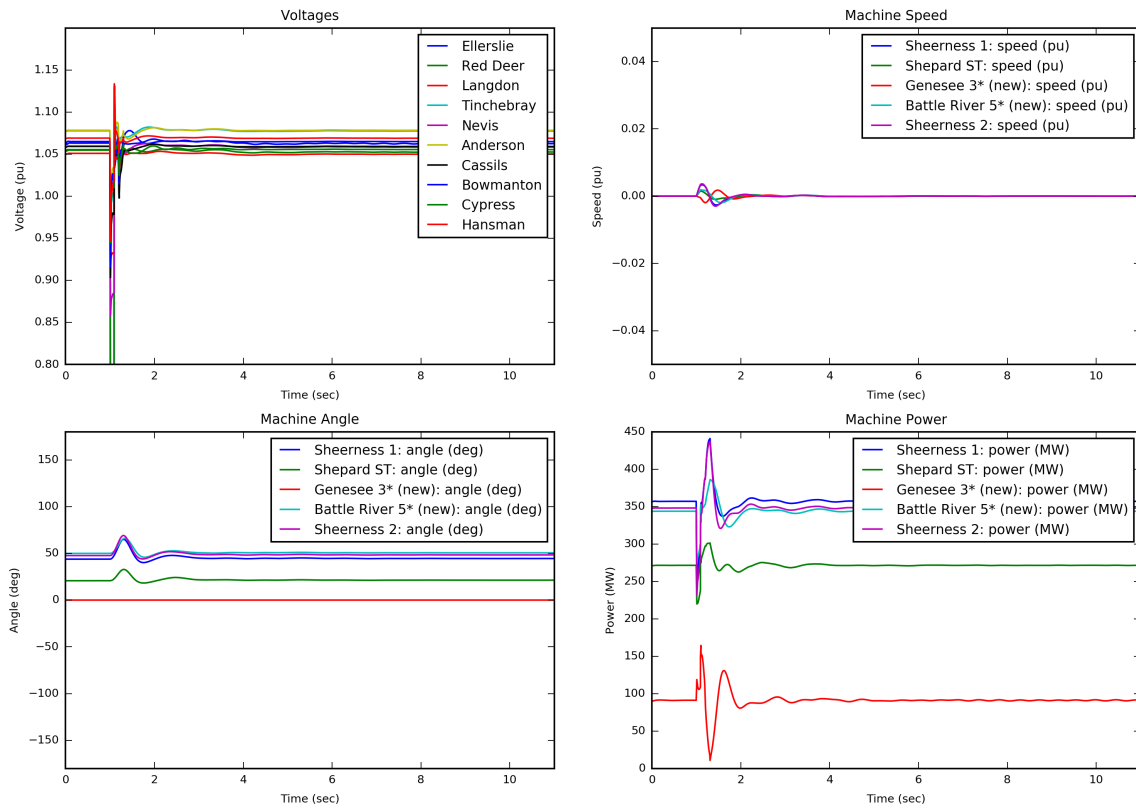
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Bigstone - Gaetz) near Bigstone
- T = 1.0920 s: Tripped 914L (Bigstone - Gaetz)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 33**



**Case Description**

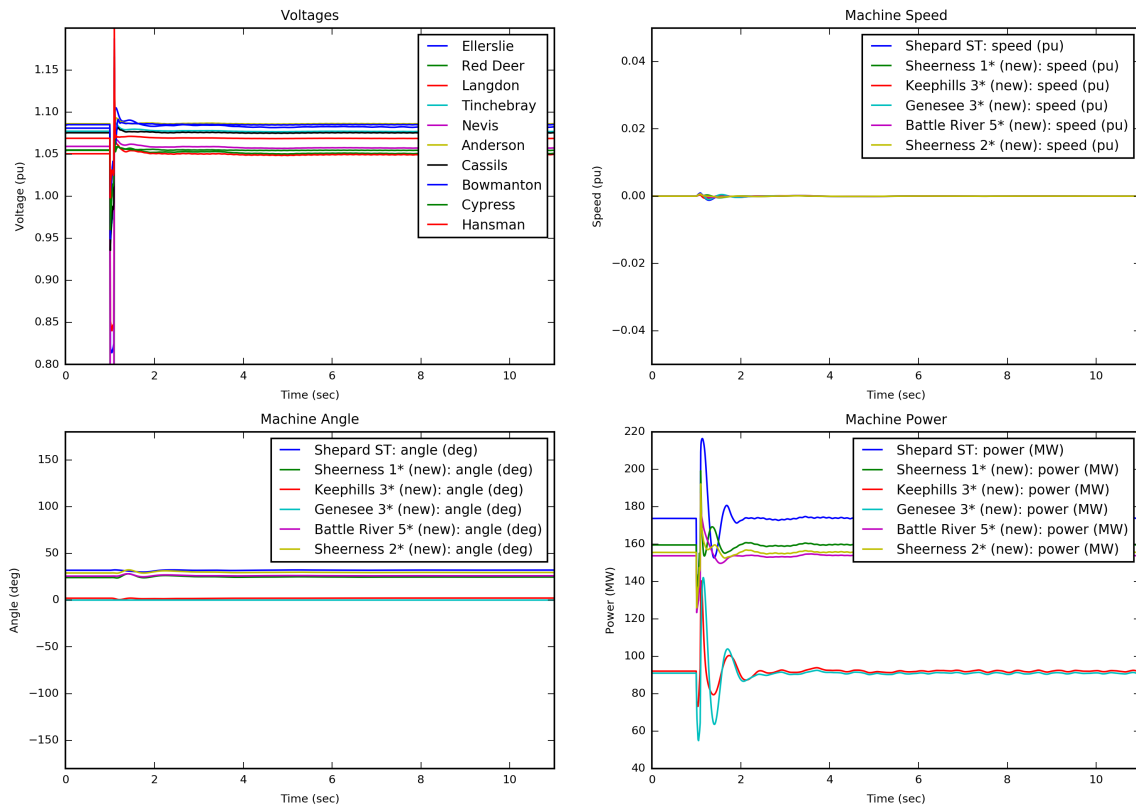
- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Bigstone - Gaetz) near Bigstone
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 914L (Bigstone - Gaetz)
- T = 1.0920 s: Fault is cleared



**Figure 34**



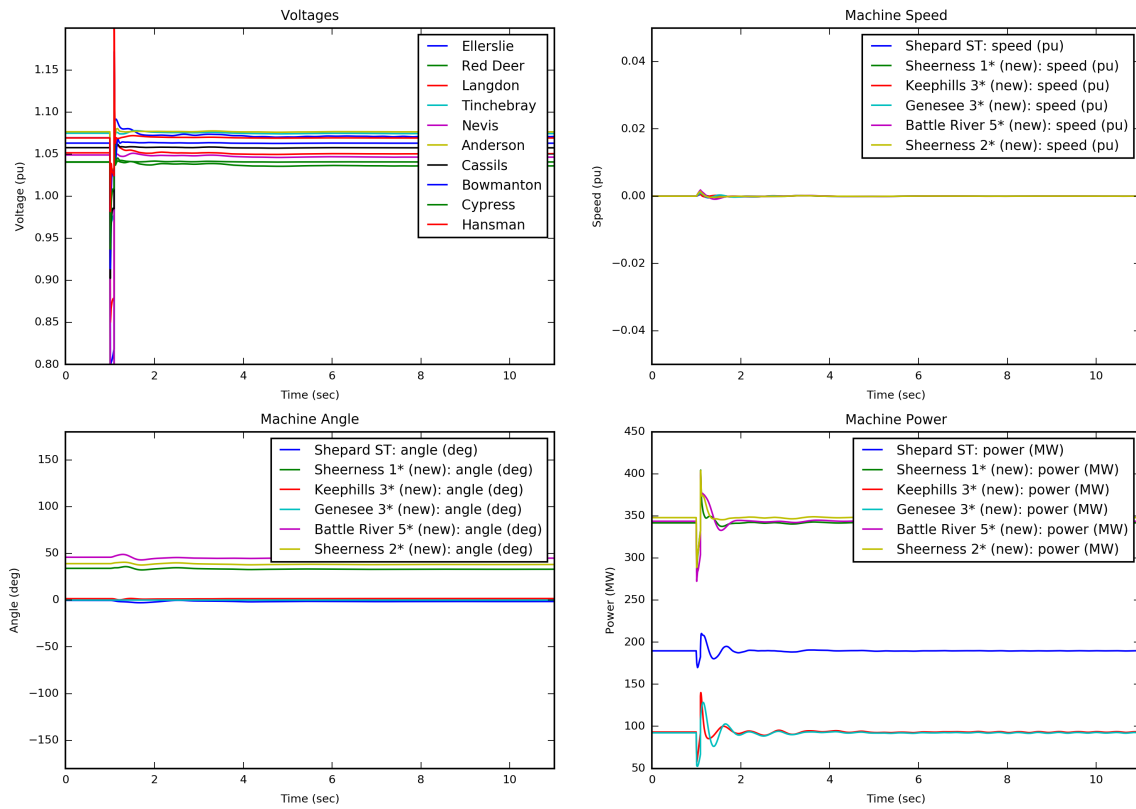
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Bigstone) near Gaetz
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 914L (Gaetz - Bigstone)
- T = 1.0920 s: Fault is cleared

**Figure 35**



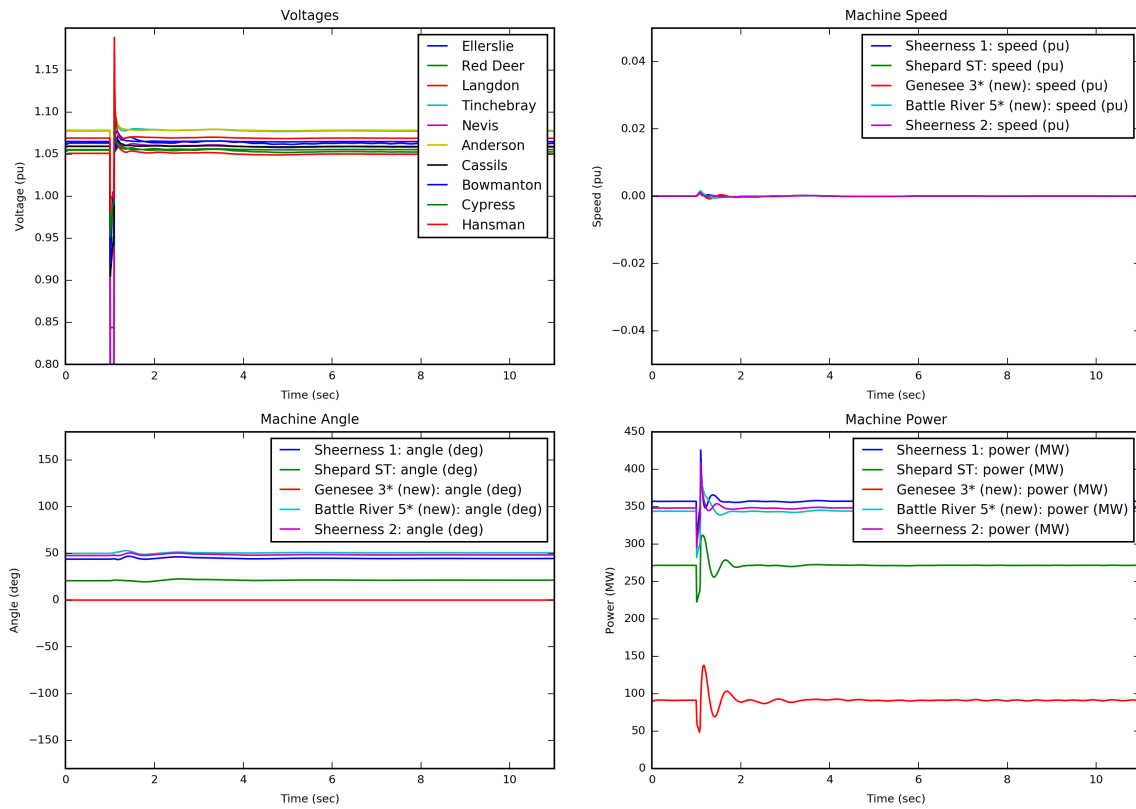
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Bigstone) near Gaetz
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 914L (Gaetz - Bigstone)
- T = 1.0920 s: Fault is cleared

**Figure 36**



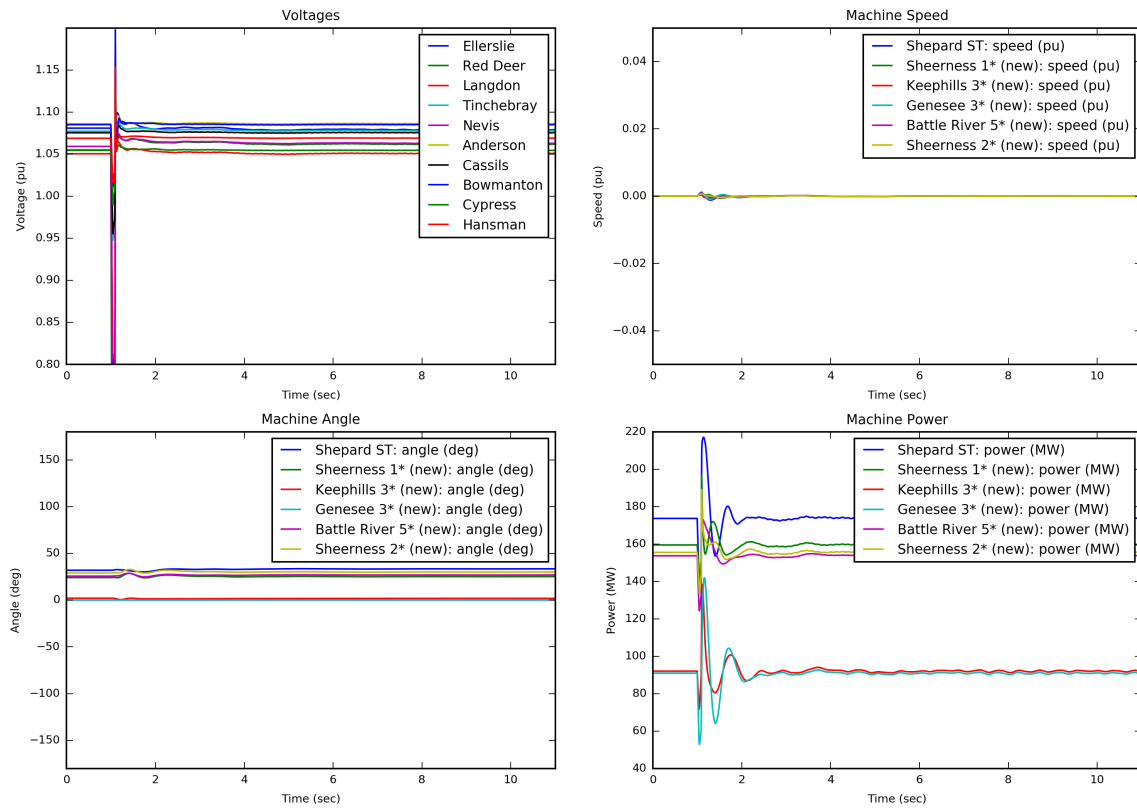
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Bigstone) near Gaetz
- T = 1.0920 s: Tripped 914L (Gaetz - Bigstone)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 37**



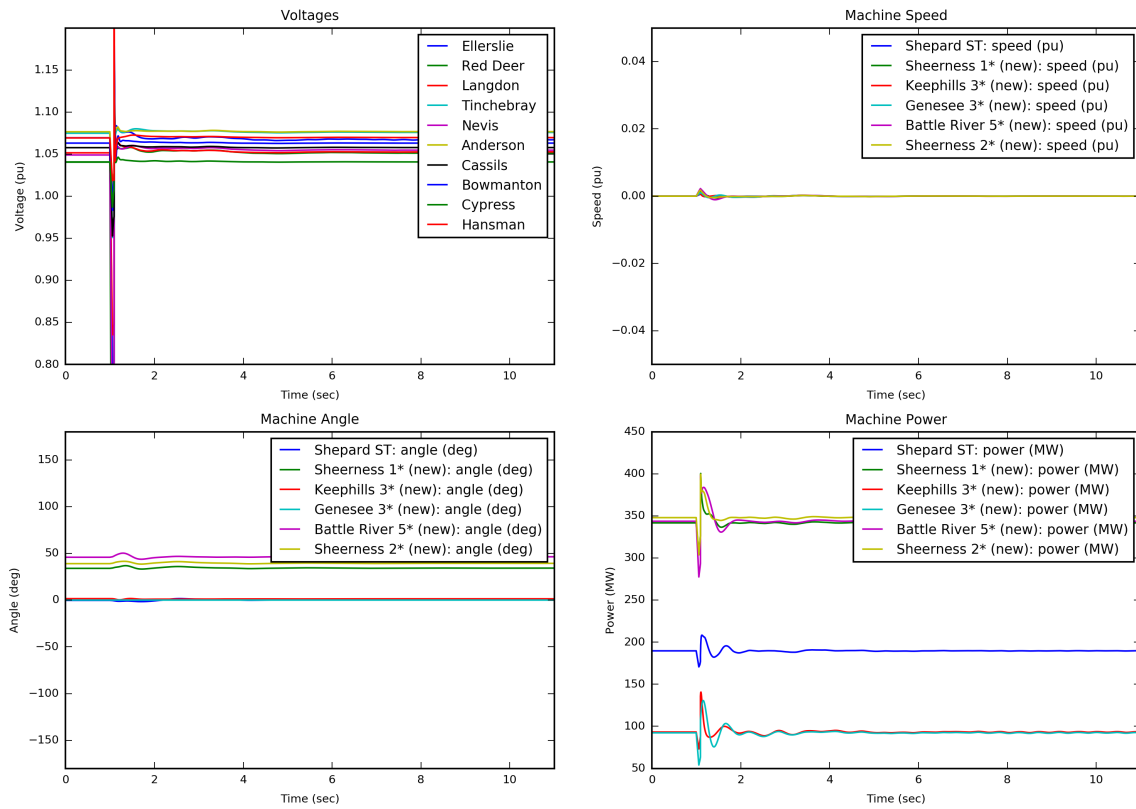
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Red Deer - Gaetz) near Gaetz
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 914L (Red Deer - Gaetz)
- T = 1.0920 s: Fault is cleared

**Figure 38**



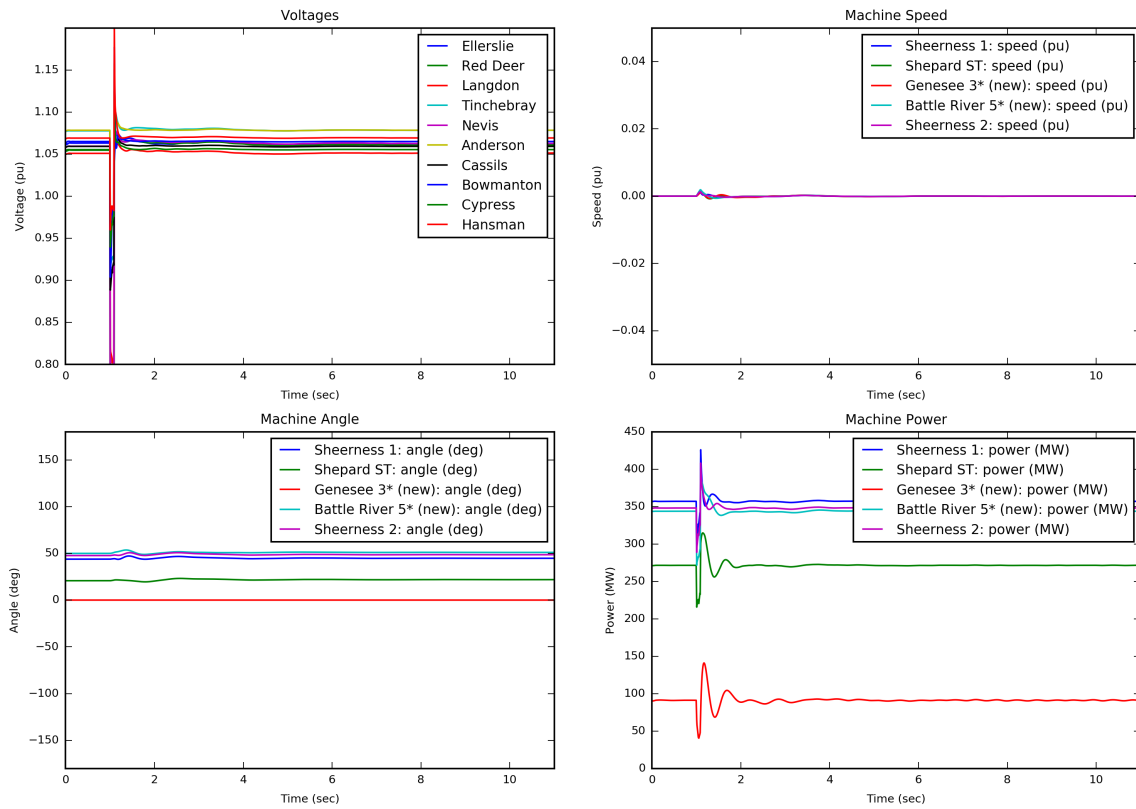
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Red Deer - Gaetz) near Gaetz
- T = 1.0920 s: Tripped 914L (Red Deer - Gaetz)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 39**



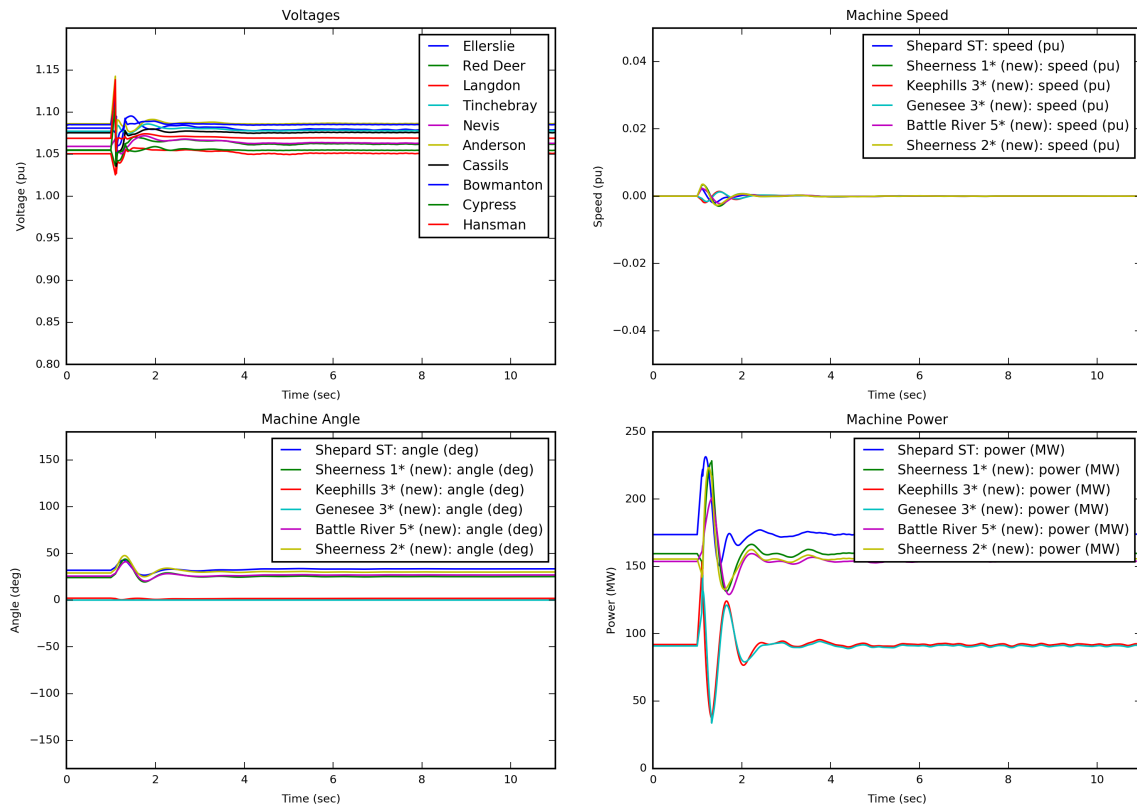
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Red Deer - Gaetz) near Gaetz
- T = 1.0920 s: Tripped 914L (Red Deer - Gaetz)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 40**



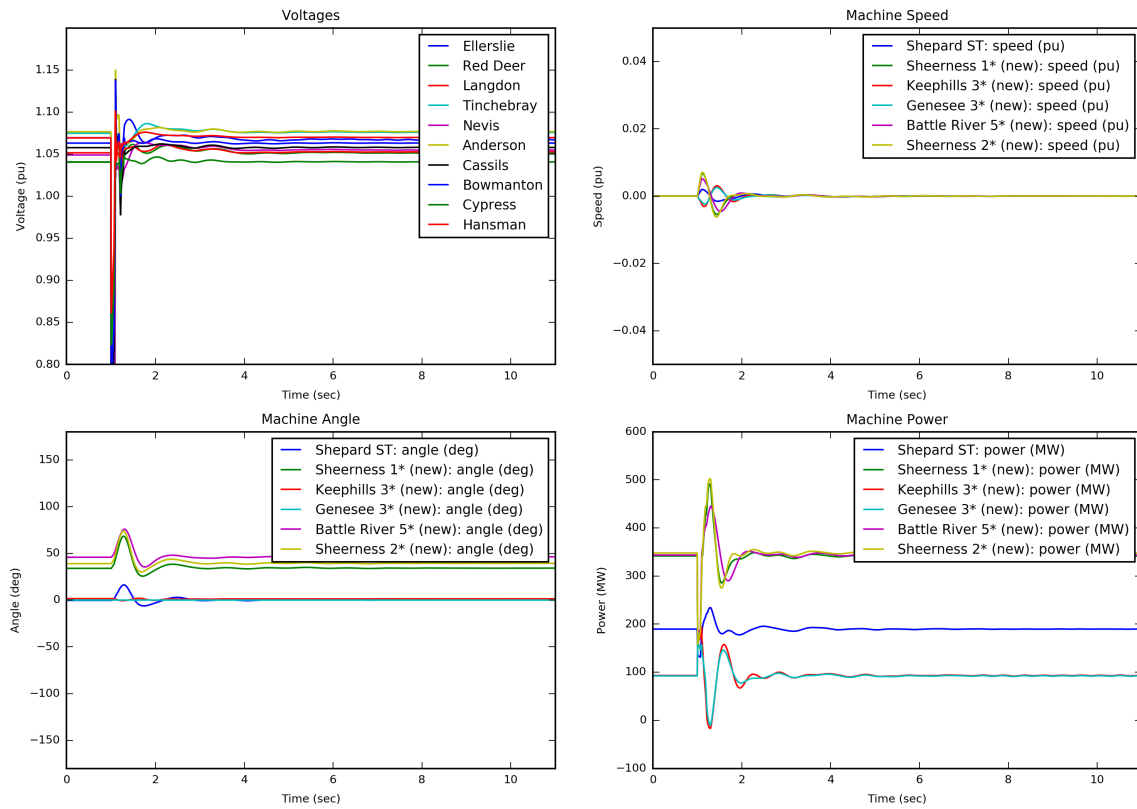
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Red Deer) near Red Deer
- T = 1.0920 s: Tripped 914L (Gaetz - Red Deer)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 41**



**Case Description**

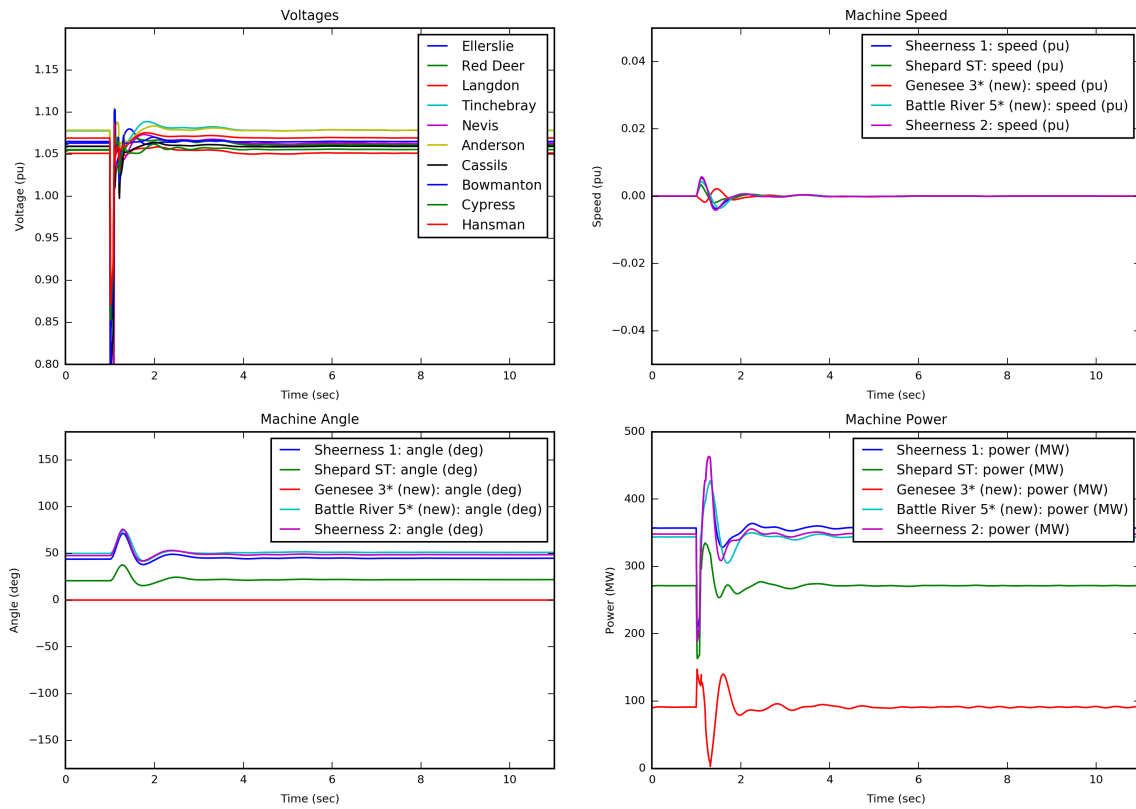
- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Red Deer) near Red Deer
- T = 1.0920 s: Tripped 914L (Gaetz - Red Deer)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers



**Figure 42**



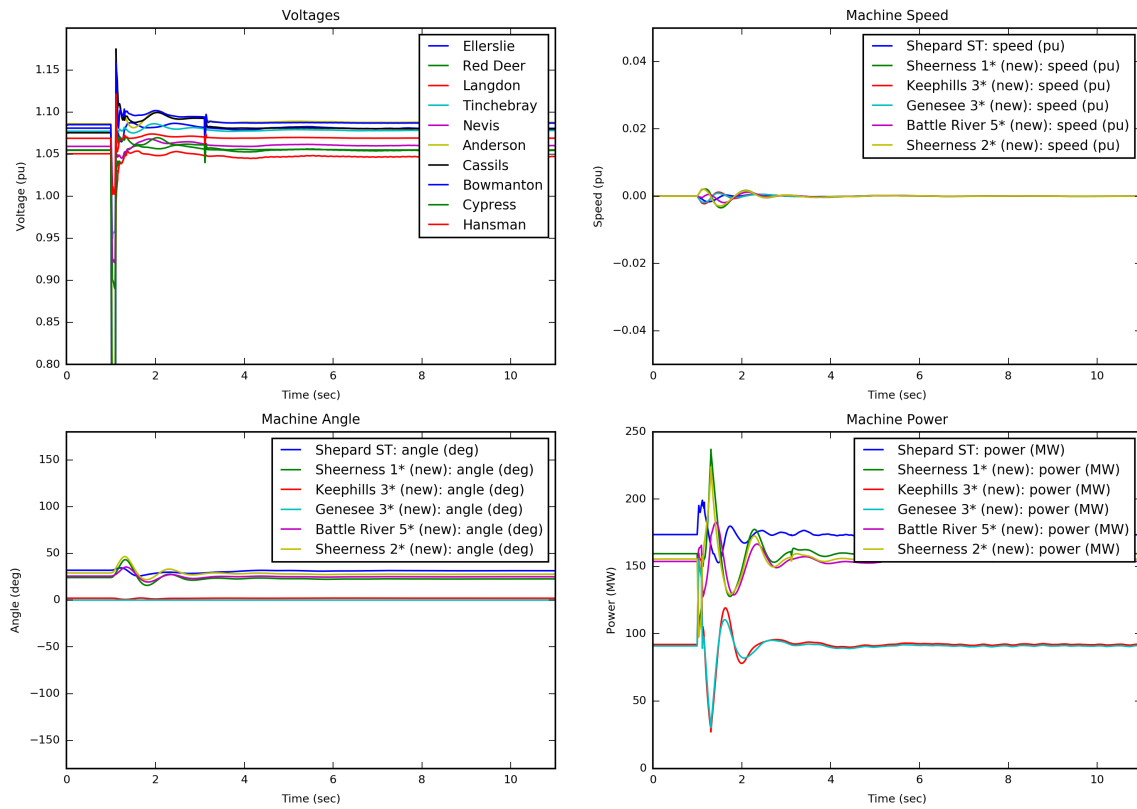
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 914L (Gaetz - Red Deer) near Red Deer
- T = 1.0920 s: Tripped 914L (Gaetz - Red Deer)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 43**



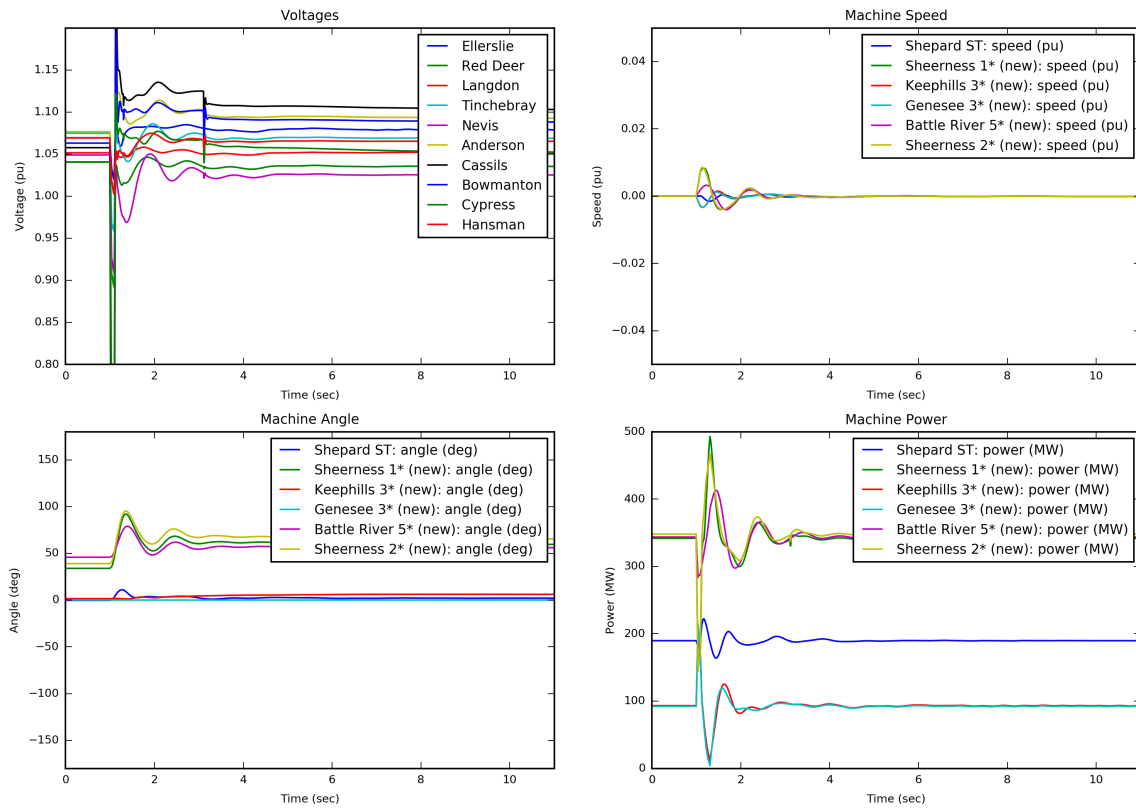
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: Tripped 923L
- T = 1.1010 s: Tripped 935L
- T = 1.1010 s: Fault is cleared

**Figure 44**



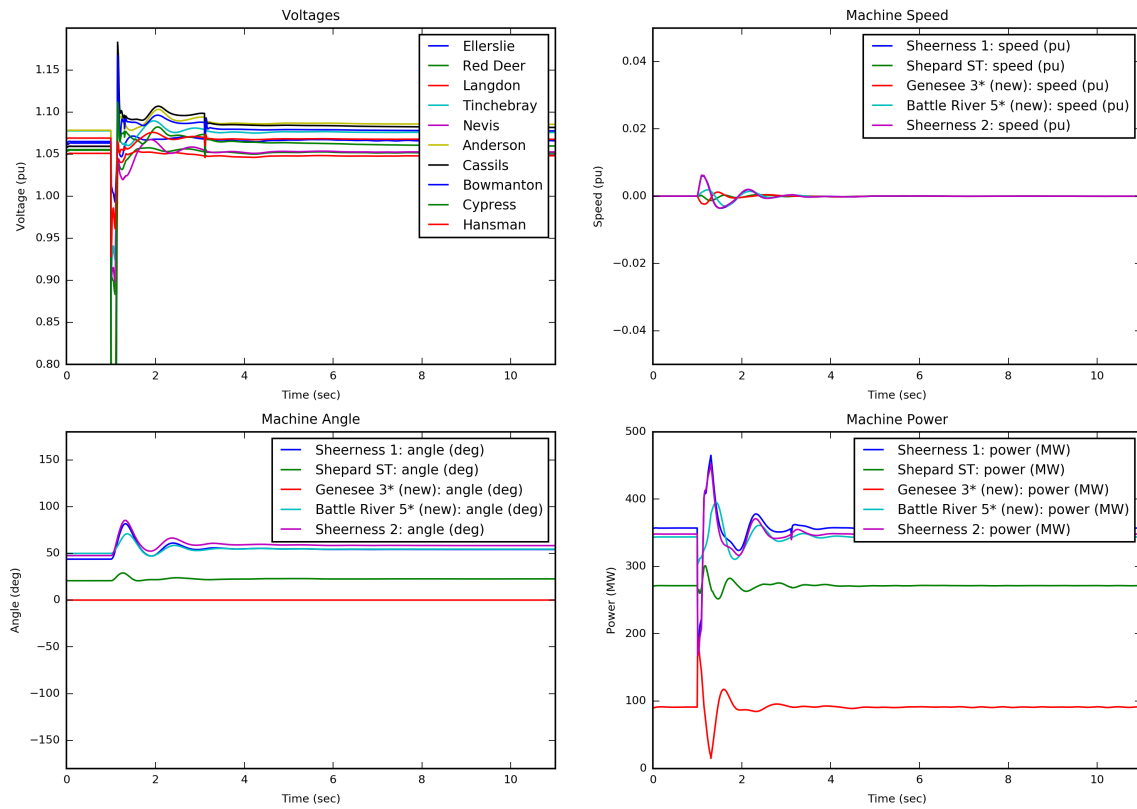
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: EATL runback to 500 MW activated
- T = 1.1010 s: Tripped 923L
- T = 1.1010 s: Tripped 935L
- T = 1.1010 s: Fault is cleared

**Figure 45**



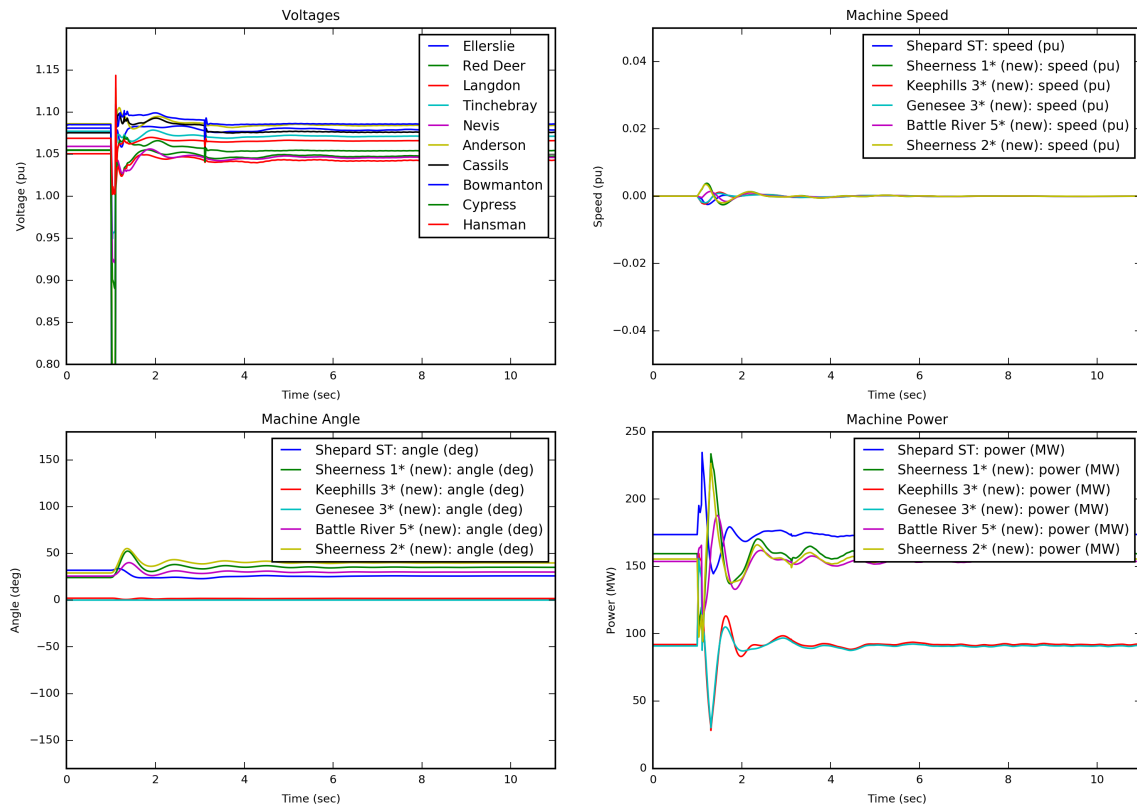
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: Tripped 923L
- T = 1.1010 s: Tripped 935L
- T = 1.1010 s: Fault is cleared
- T = 1.1010 s: EATL runback to 500 MW activated

**Figure 46**



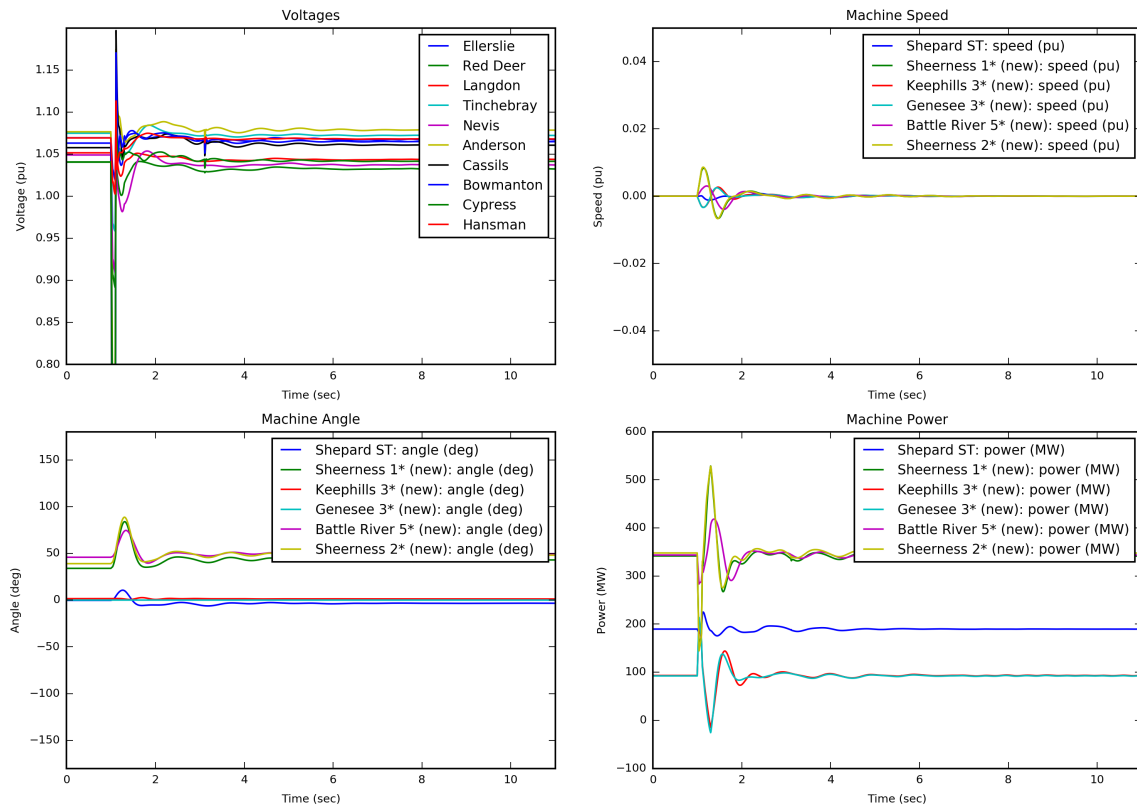
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: Tripped 924L
- T = 1.1010 s: Tripped 927L
- T = 1.1010 s: Fault is cleared

**Figure 47**



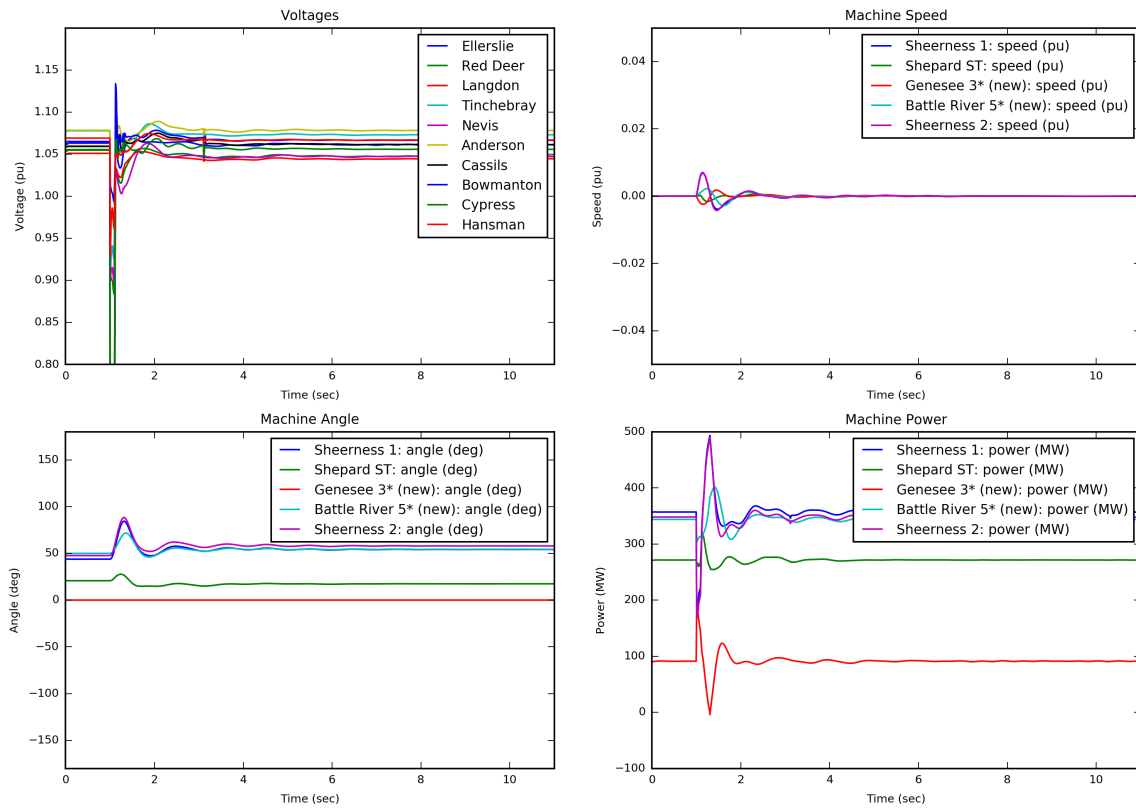
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: Tripped 924L
- T = 1.1010 s: Tripped 927L
- T = 1.1010 s: Fault is cleared

**Figure 48**



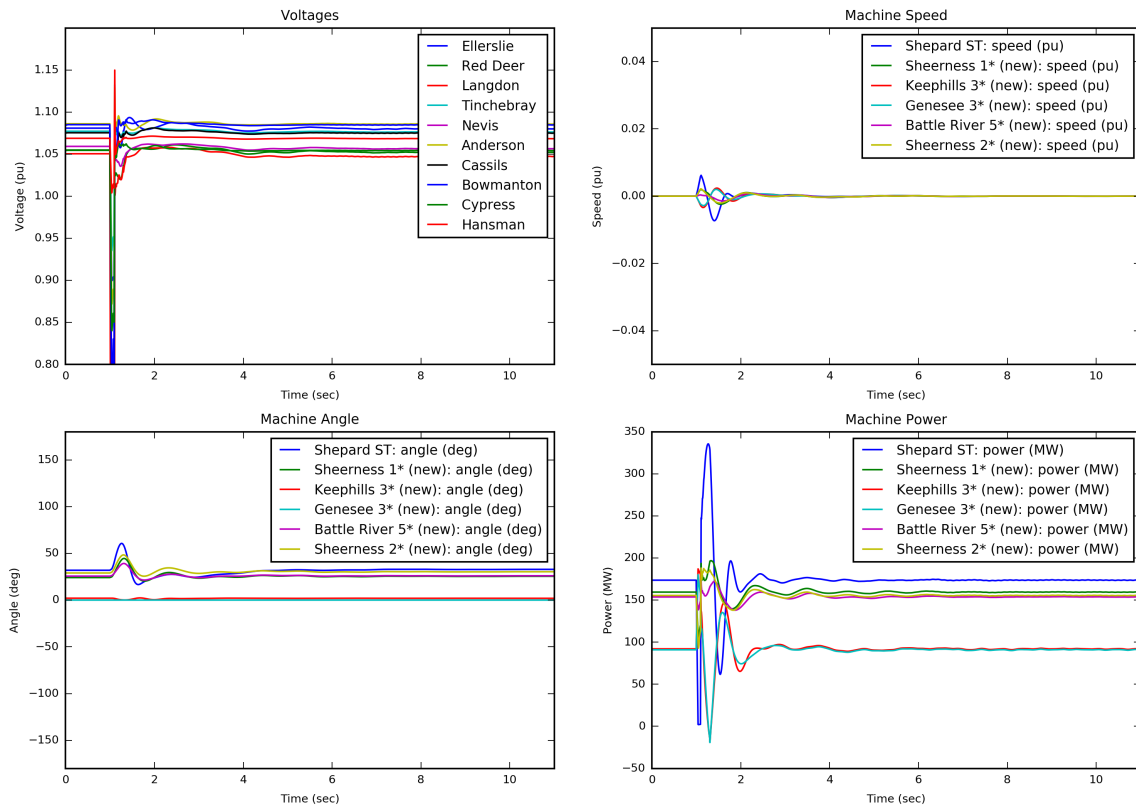
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Milo
- T = 1.1010 s: Tripped 924L
- T = 1.1010 s: Tripped 927L
- T = 1.1010 s: Fault is cleared

**Figure 49**



**Case Description**

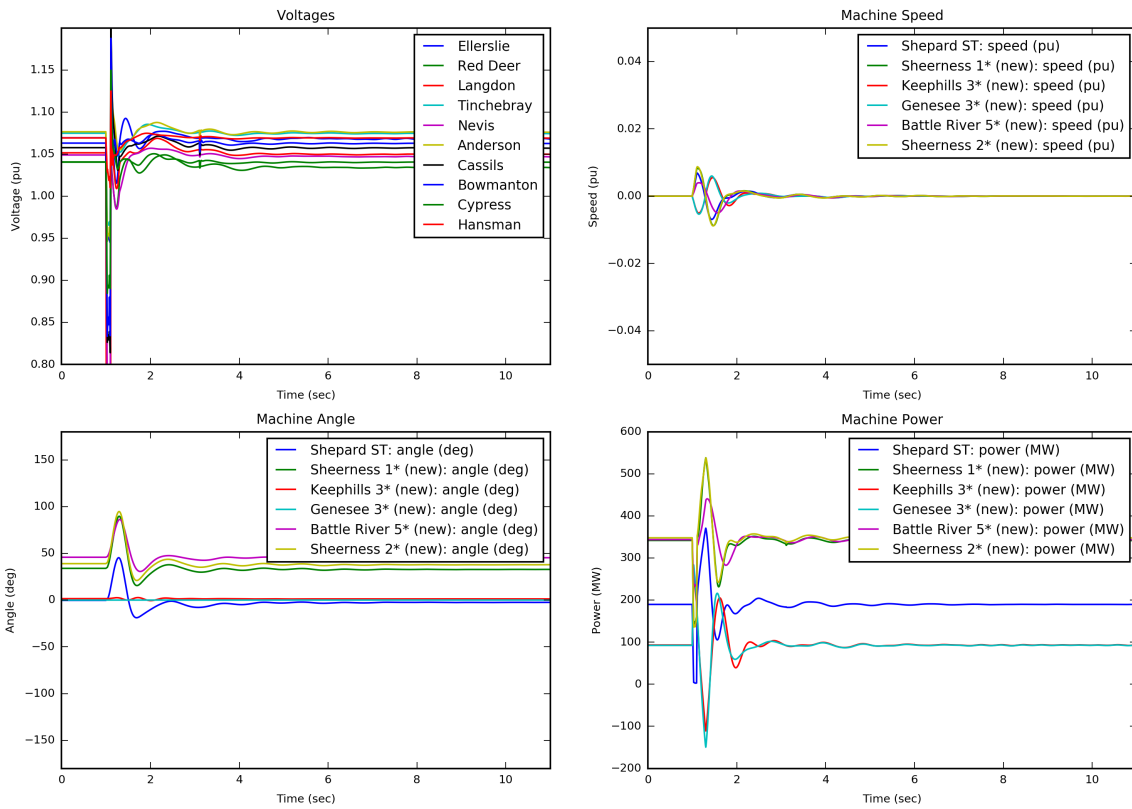
— Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Janet
- T = 1.1010 s: Tripped 925L
- T = 1.1010 s: Tripped 929L
- T = 1.1010 s: Fault is cleared



**Figure 50**



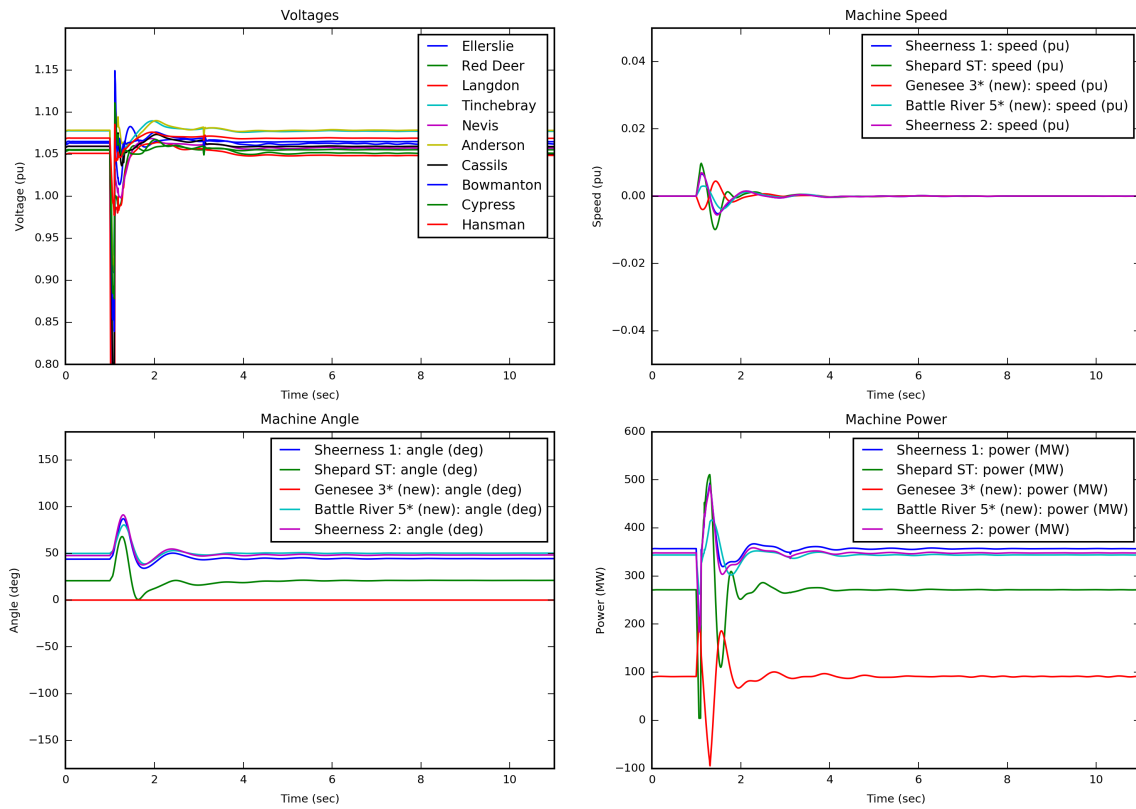
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Janet
- T = 1.1010 s: Tripped 925L
- T = 1.1010 s: Tripped 929L
- T = 1.1010 s: Fault is cleared

**Figure 51**



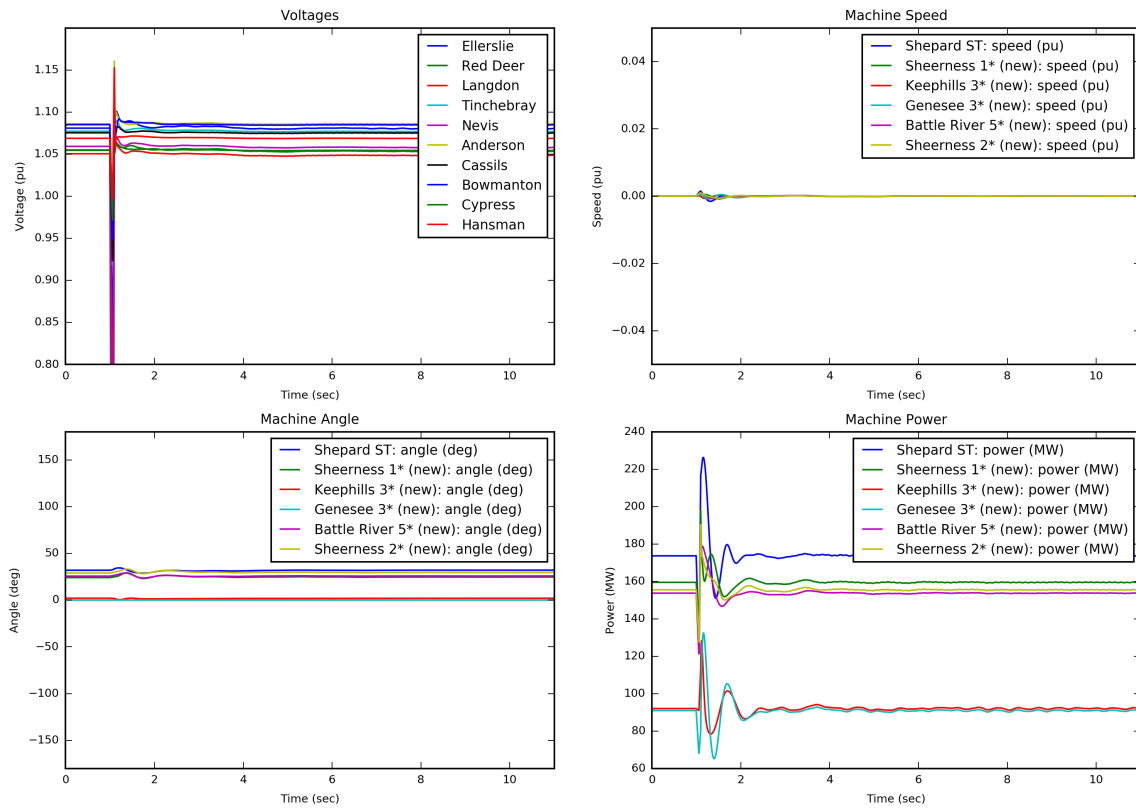
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Janet
- T = 1.1010 s: Tripped 925L
- T = 1.1010 s: Tripped 929L
- T = 1.1010 s: Fault is cleared

**Figure 52**



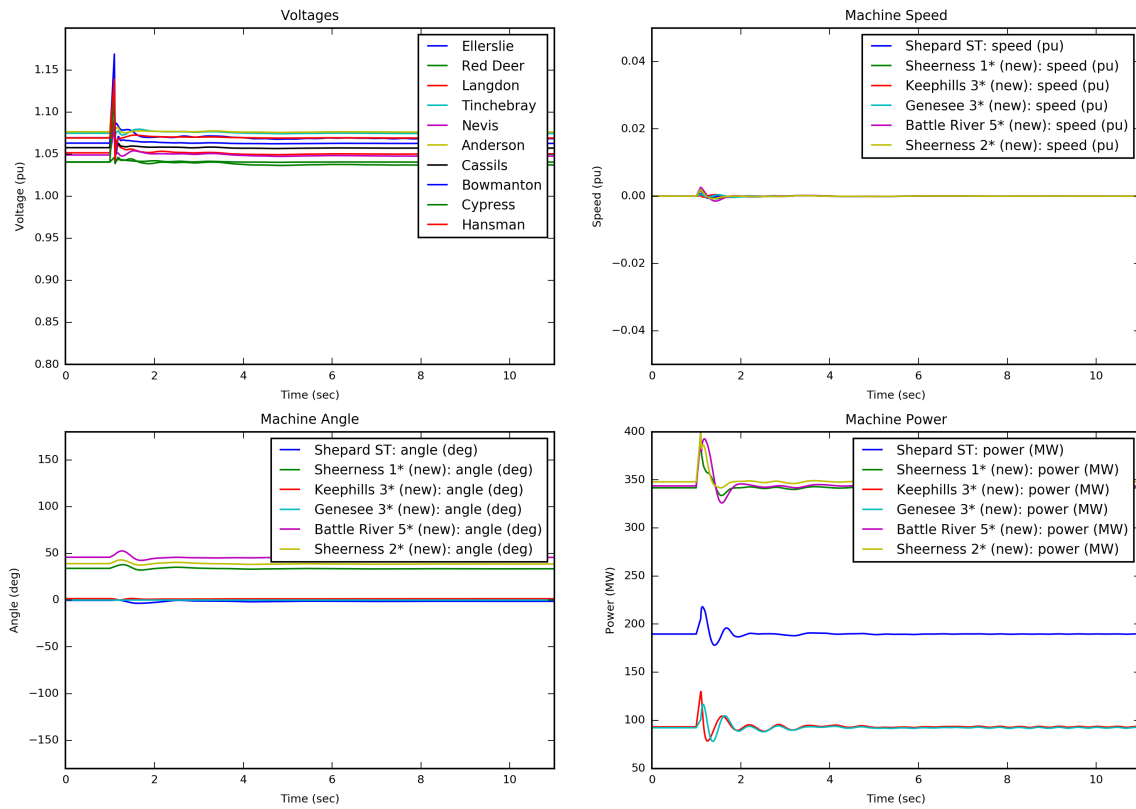
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Red Deer - Janet) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 925L (Red Deer - Janet)
- T = 1.0920 s: Fault is cleared

**Figure 53**



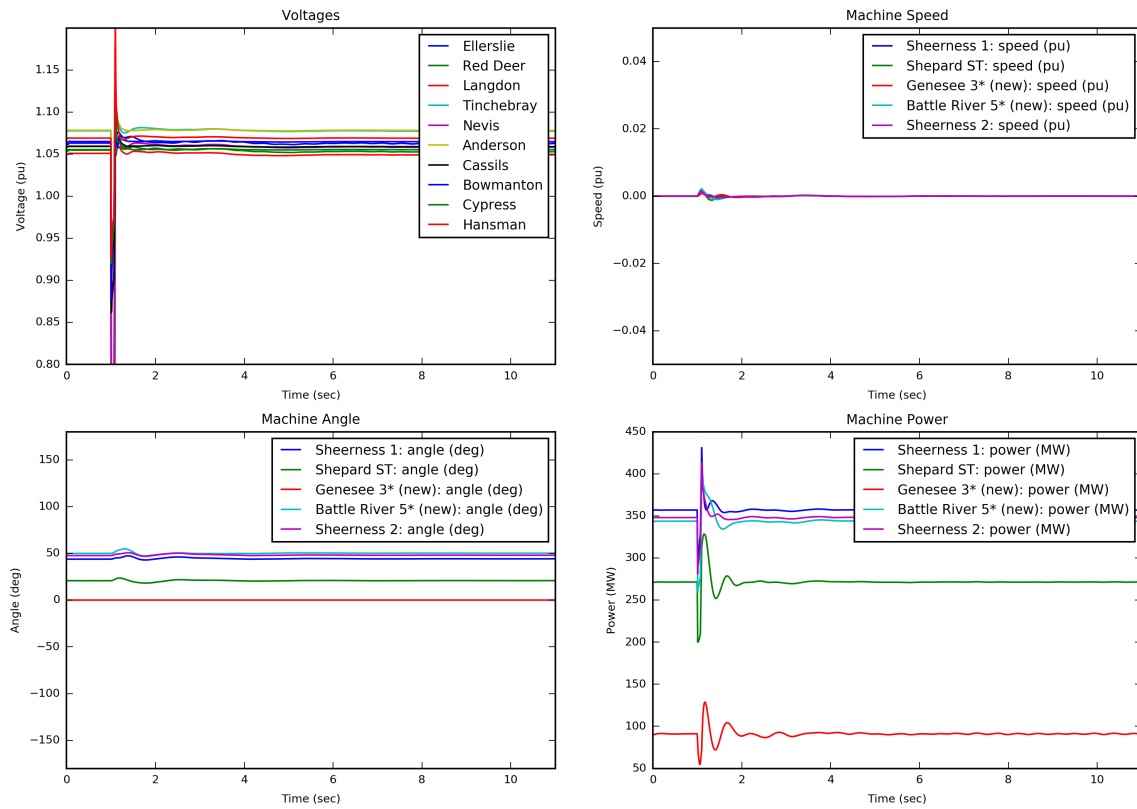
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Red Deer - Janet) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 925L (Red Deer - Janet)
- T = 1.0920 s: Fault is cleared

**Figure 54**



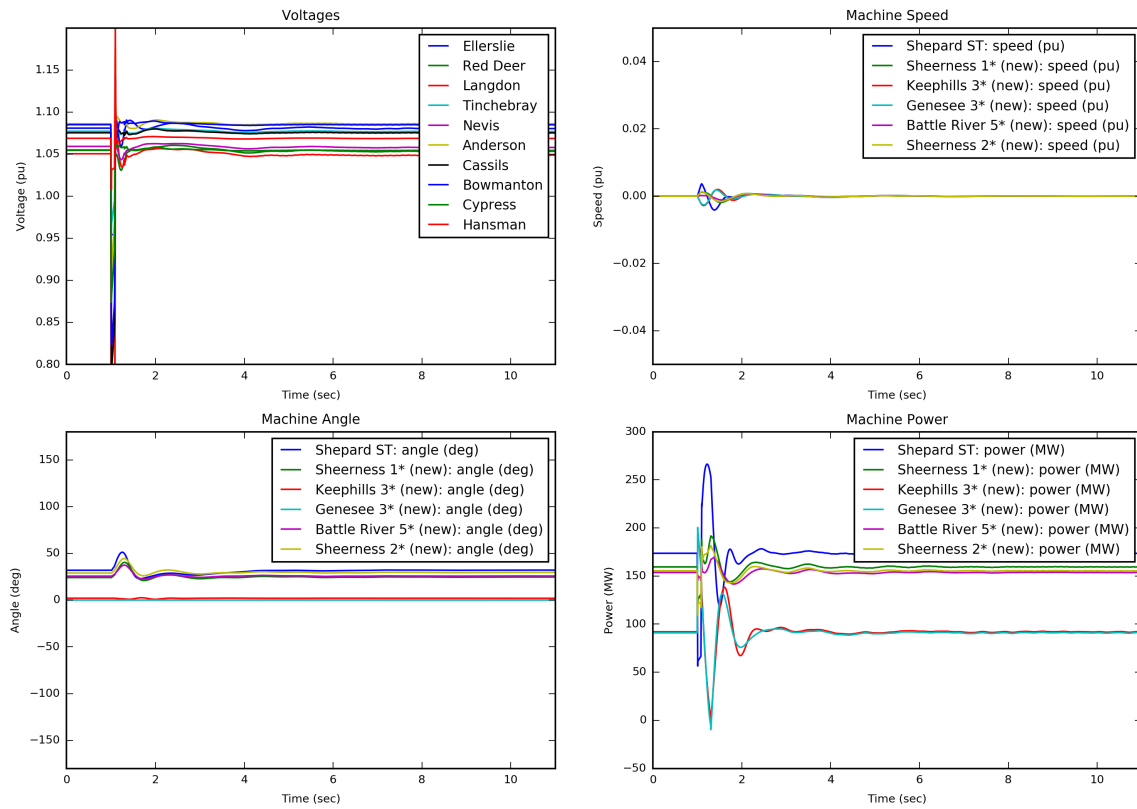
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Red Deer - Janet) near Red Deer
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 925L (Red Deer - Janet)
- T = 1.0920 s: Fault is cleared

**Figure 55**



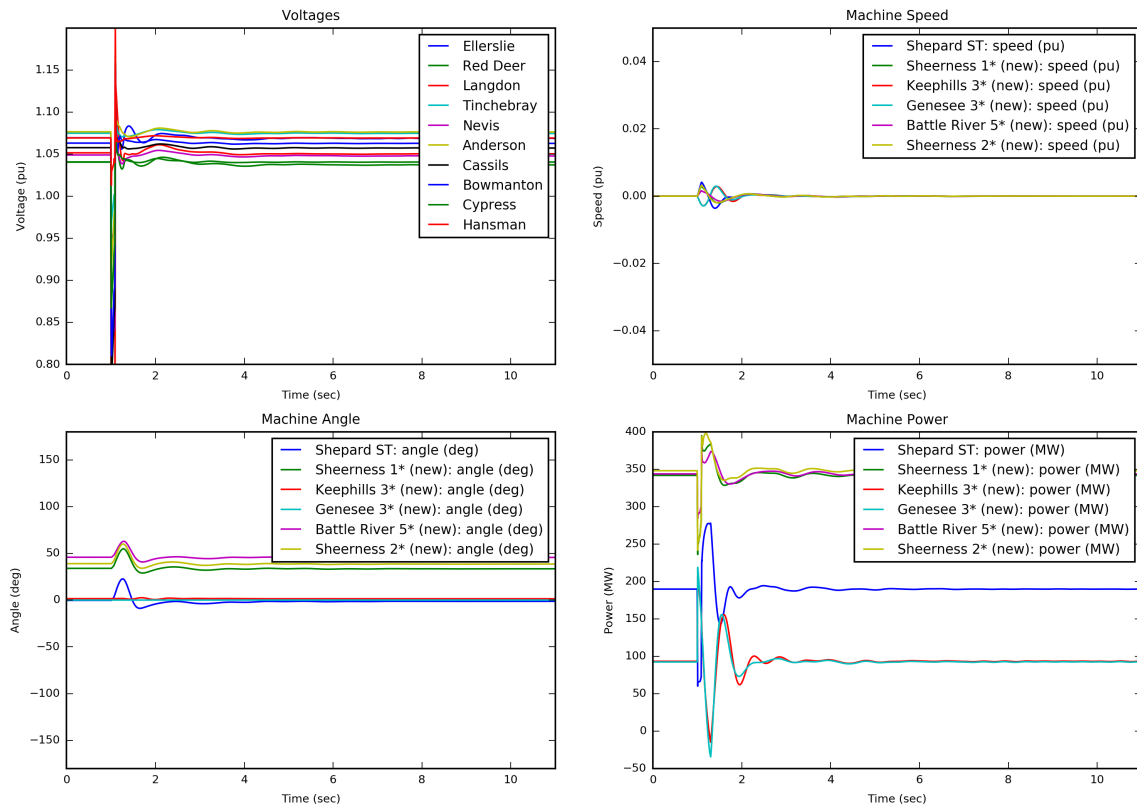
**Case Description**

— Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Janet - Red Deer) near Janet
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 925L (Janet - Red Deer)
- T = 1.0920 s: Fault is cleared

**Figure 56**



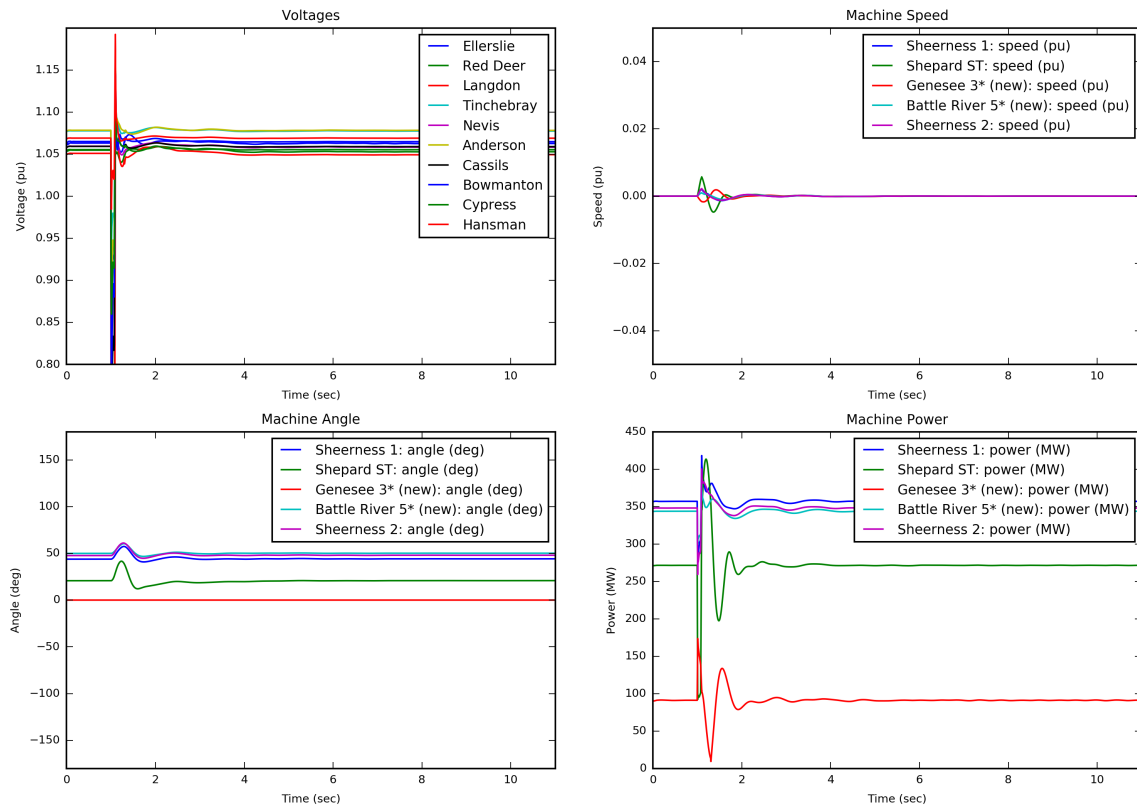
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Janet - Red Deer) near Janet
- T = 1.0920 s: Tripped 925L (Janet - Red Deer)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 57**



**Case Description**

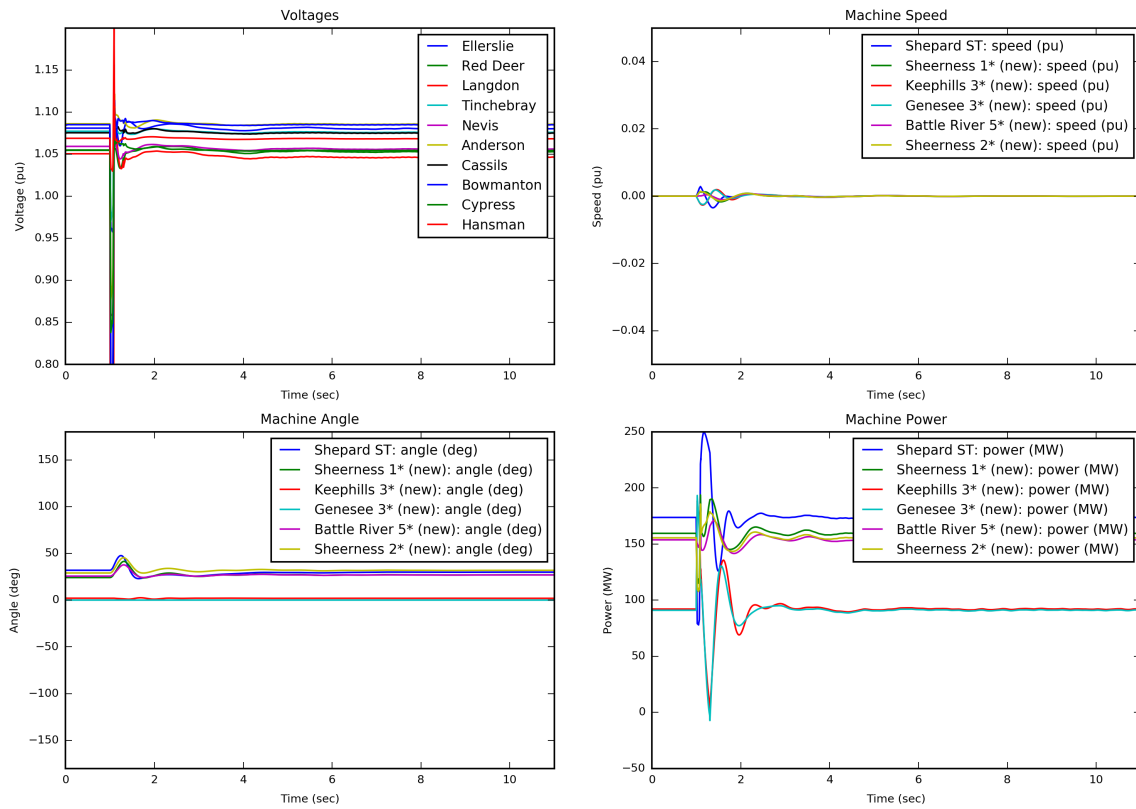
- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 925L (Janet - Red Deer) near Janet
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 925L (Janet - Red Deer)
- T = 1.0920 s: Fault is cleared



**Figure 58**



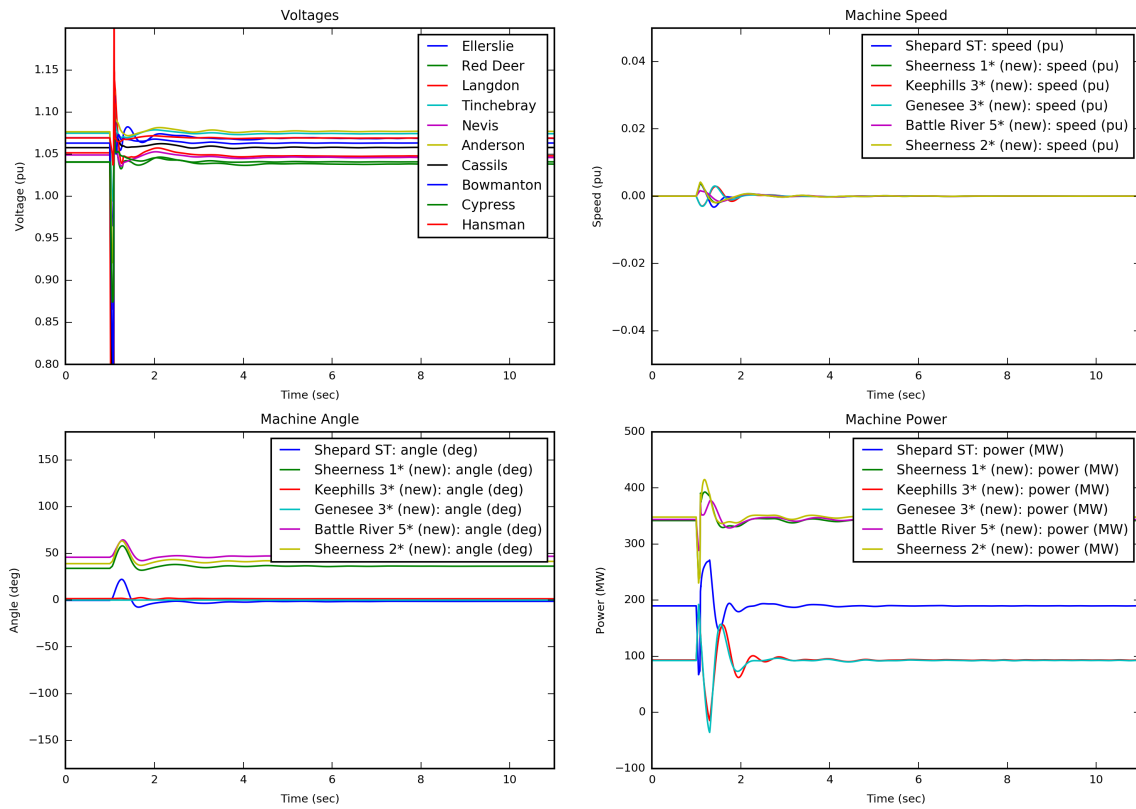
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Langdon - Milo) near Langdon
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Langdon - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 59**



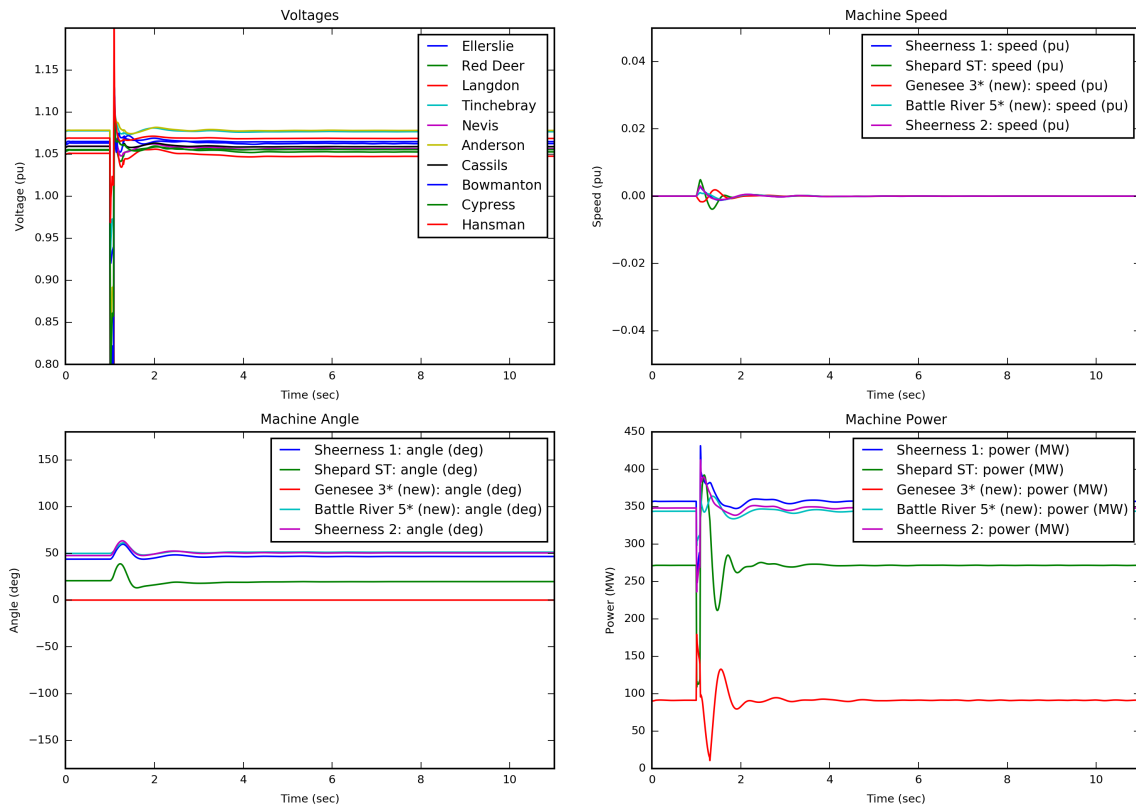
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Langdon - Milo) near Langdon
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Langdon - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 60**



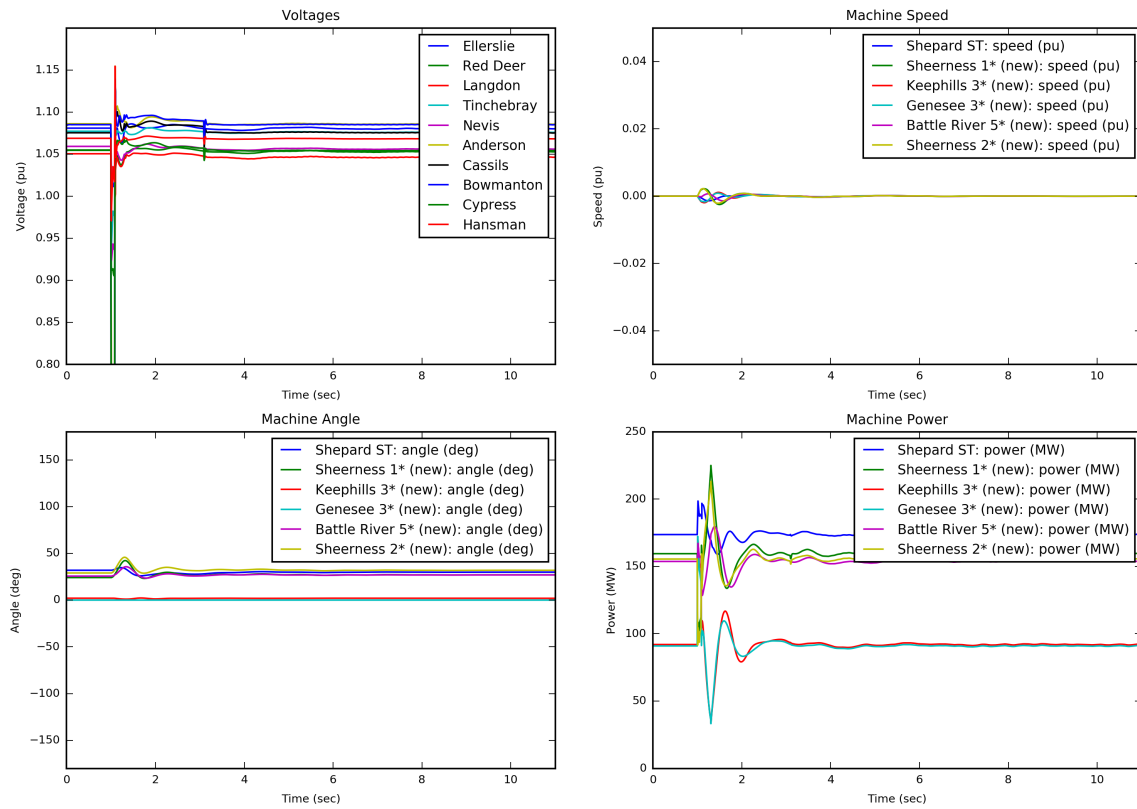
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Langdon - Milo) near Langdon
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Langdon - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 61**



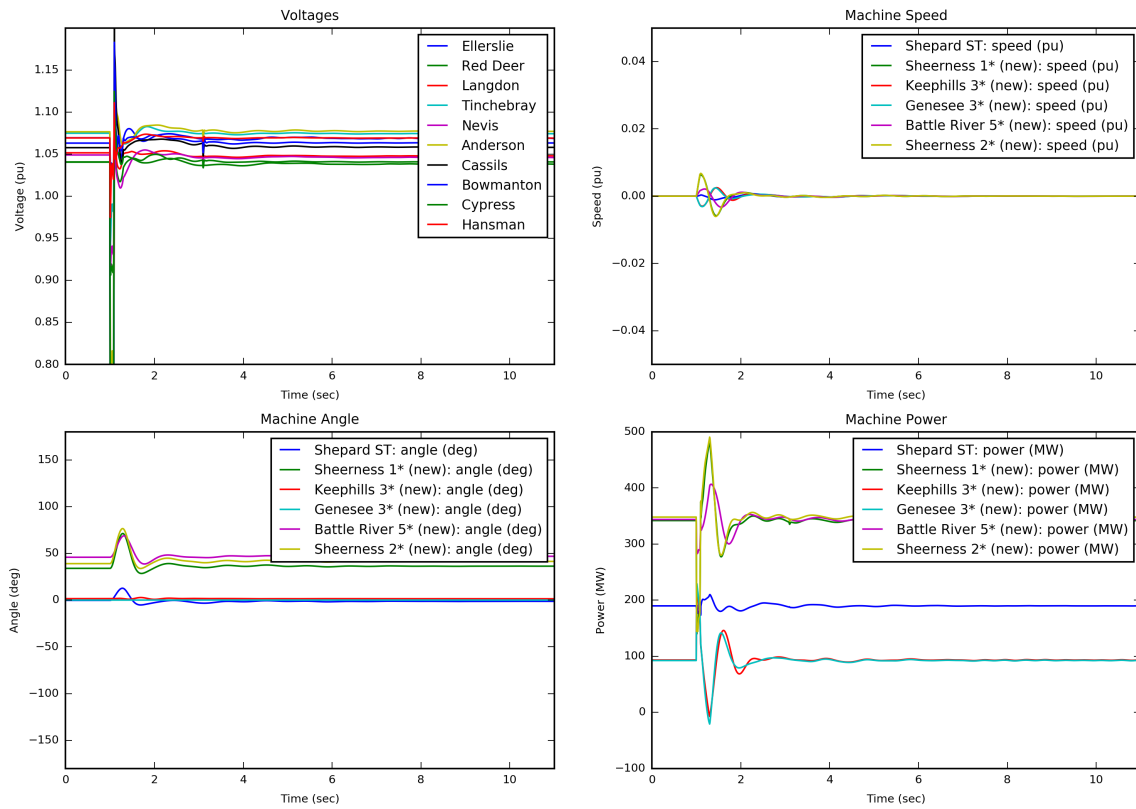
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Milo - Langdon) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Milo - Langdon)
- T = 1.1010 s: Fault is cleared

**Figure 62**



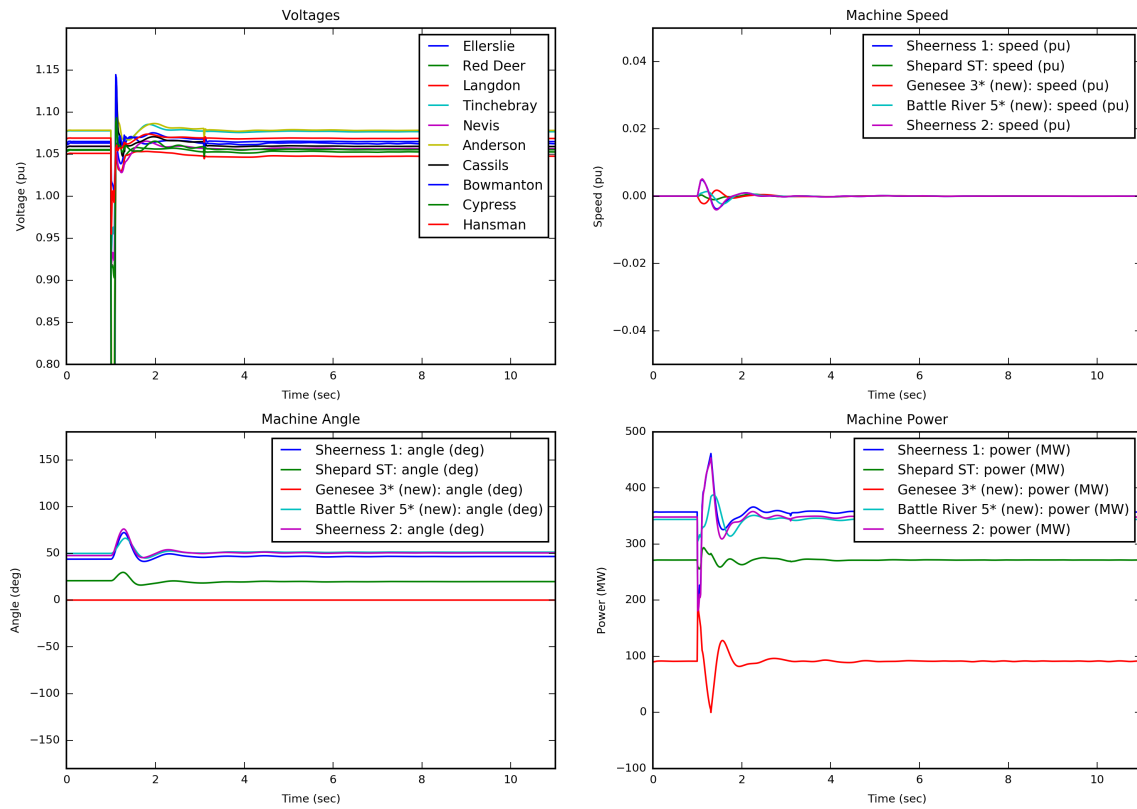
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Milo - Langdon) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Milo - Langdon)
- T = 1.1010 s: Fault is cleared

**Figure 63**



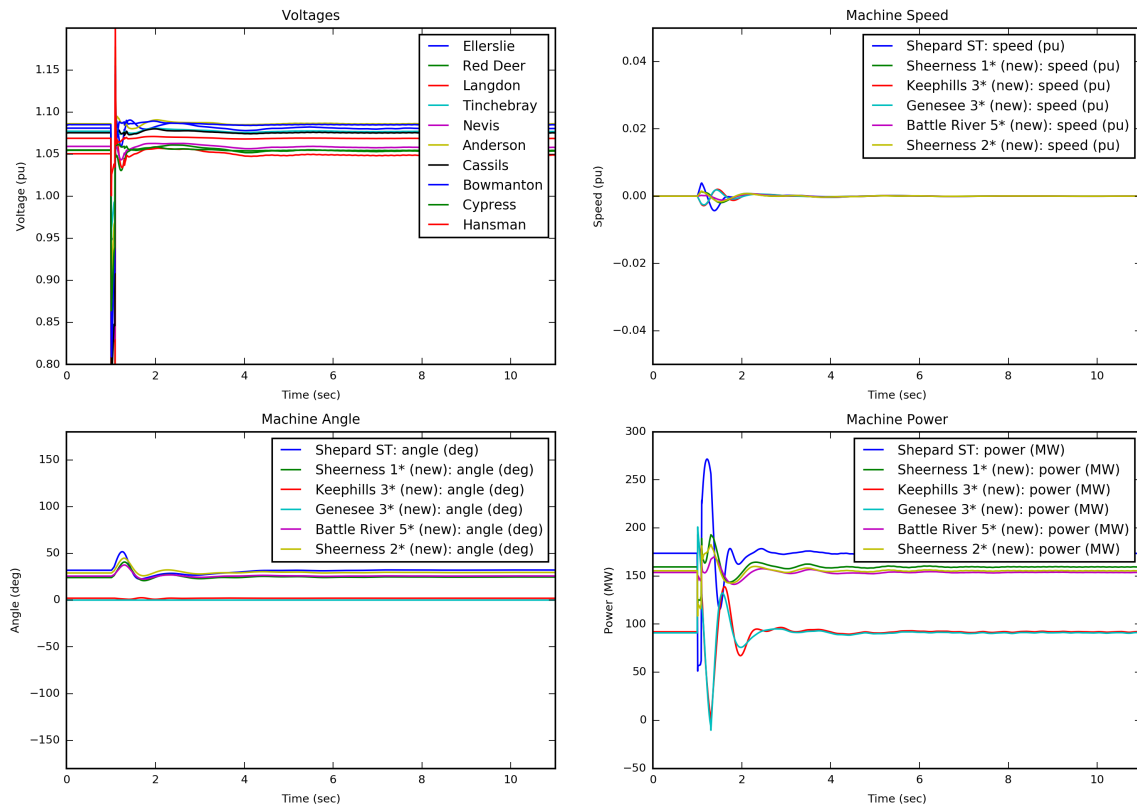
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 927L (Milo - Langdon) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 927L (Milo - Langdon)
- T = 1.1010 s: Fault is cleared

**Figure 64**



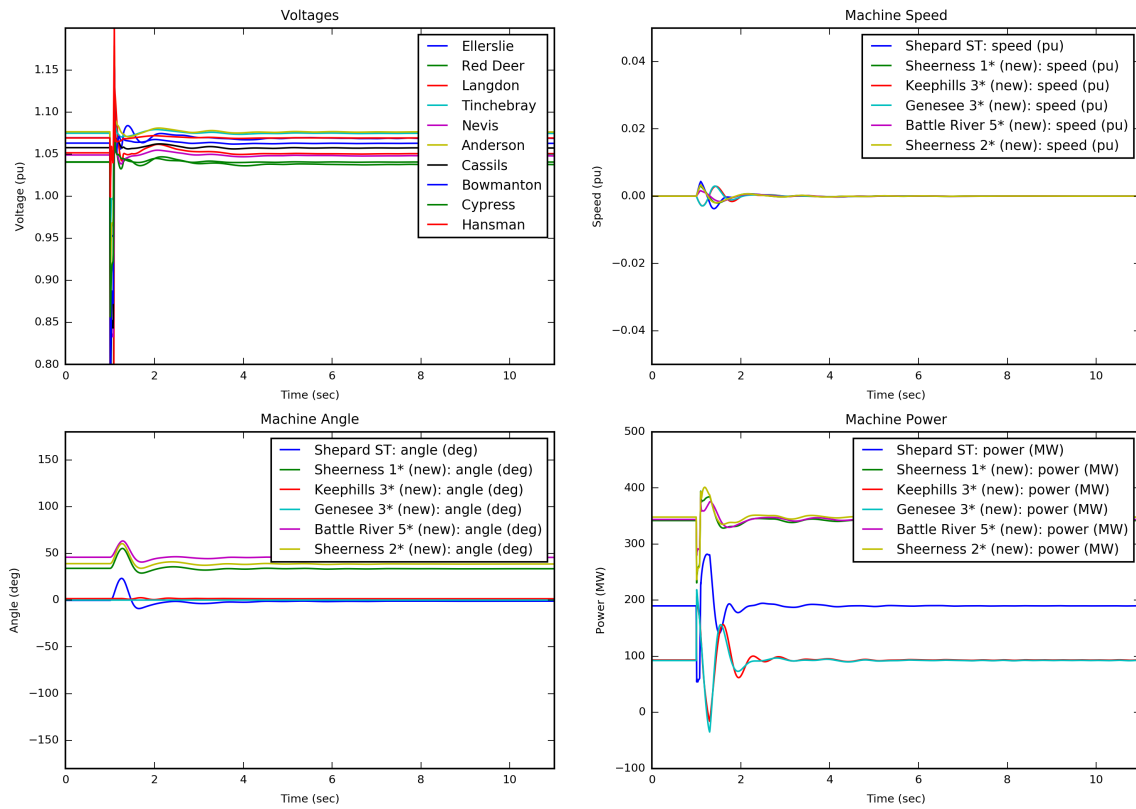
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Janet - Hazelwood) near Janet
- T = 1.0920 s: Tripped 929L (Janet - Hazelwood)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 65**



**Case Description**

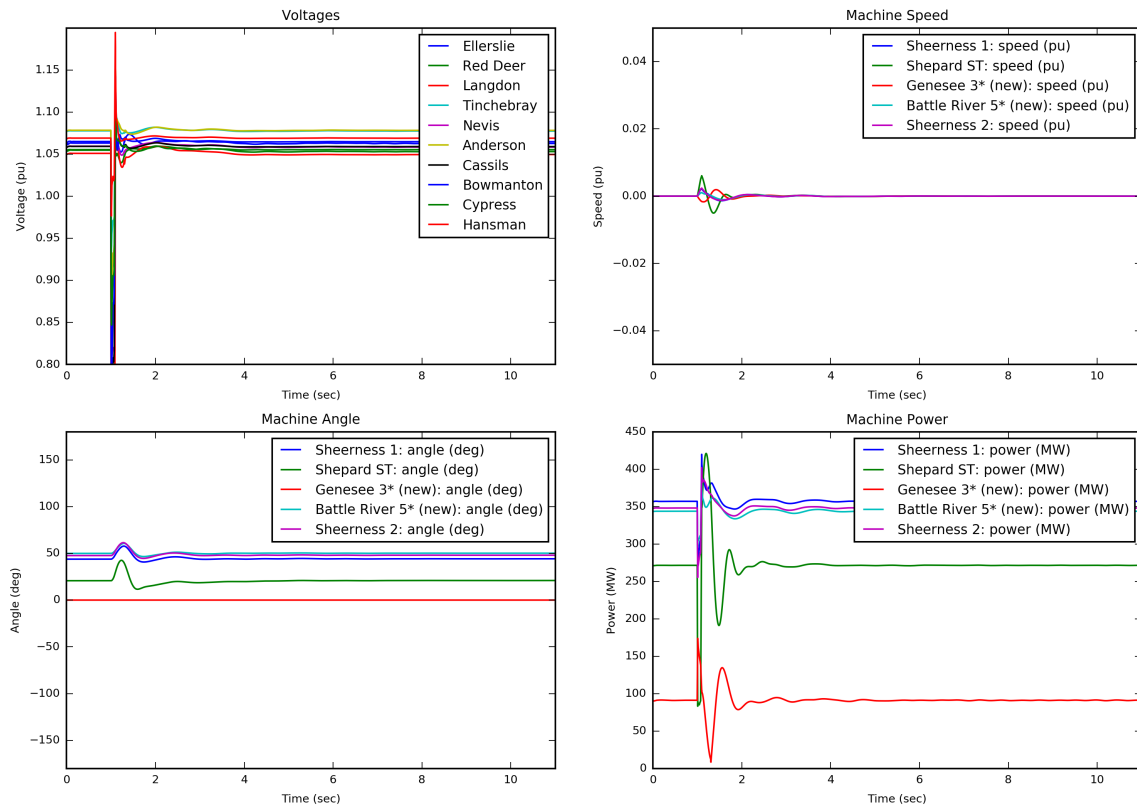
- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Janet - Hazelwood) near Janet
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 929L (Janet - Hazelwood)
- T = 1.0920 s: Fault is cleared



**Figure 66**



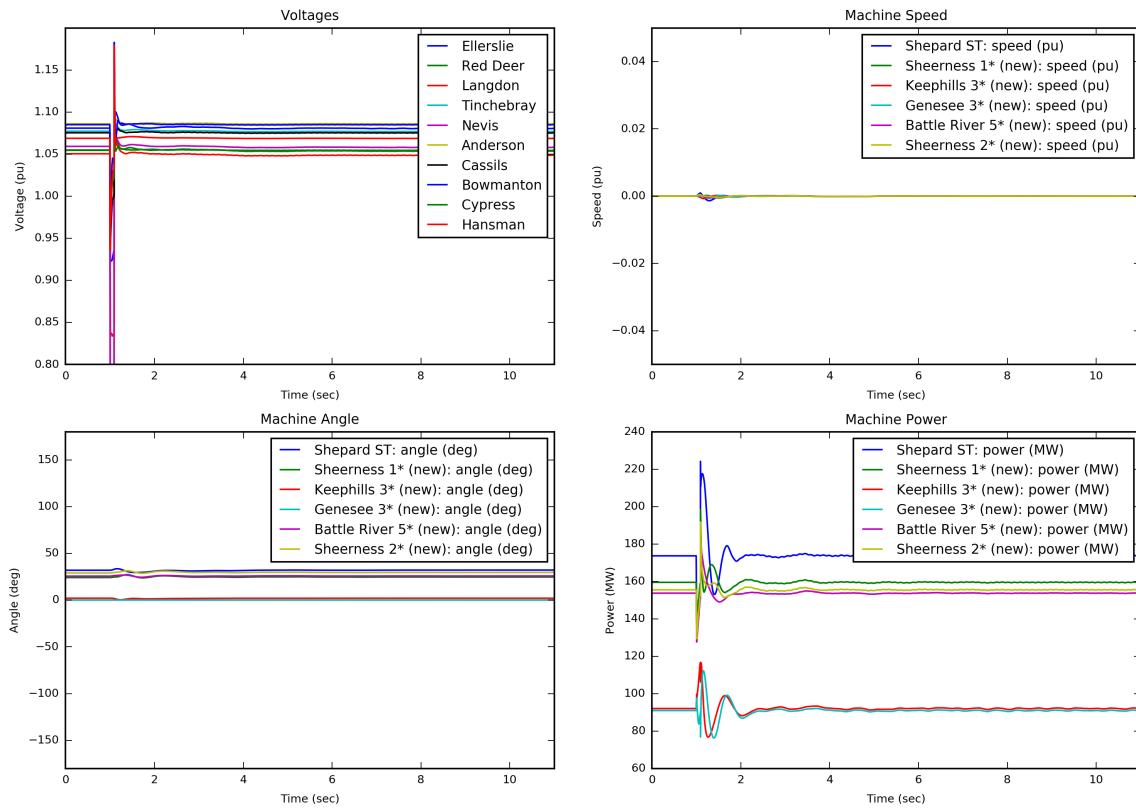
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Janet - Hazelwood) near Janet
- T = 1.0920 s: Tripped 929L (Janet - Hazelwood)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 67**



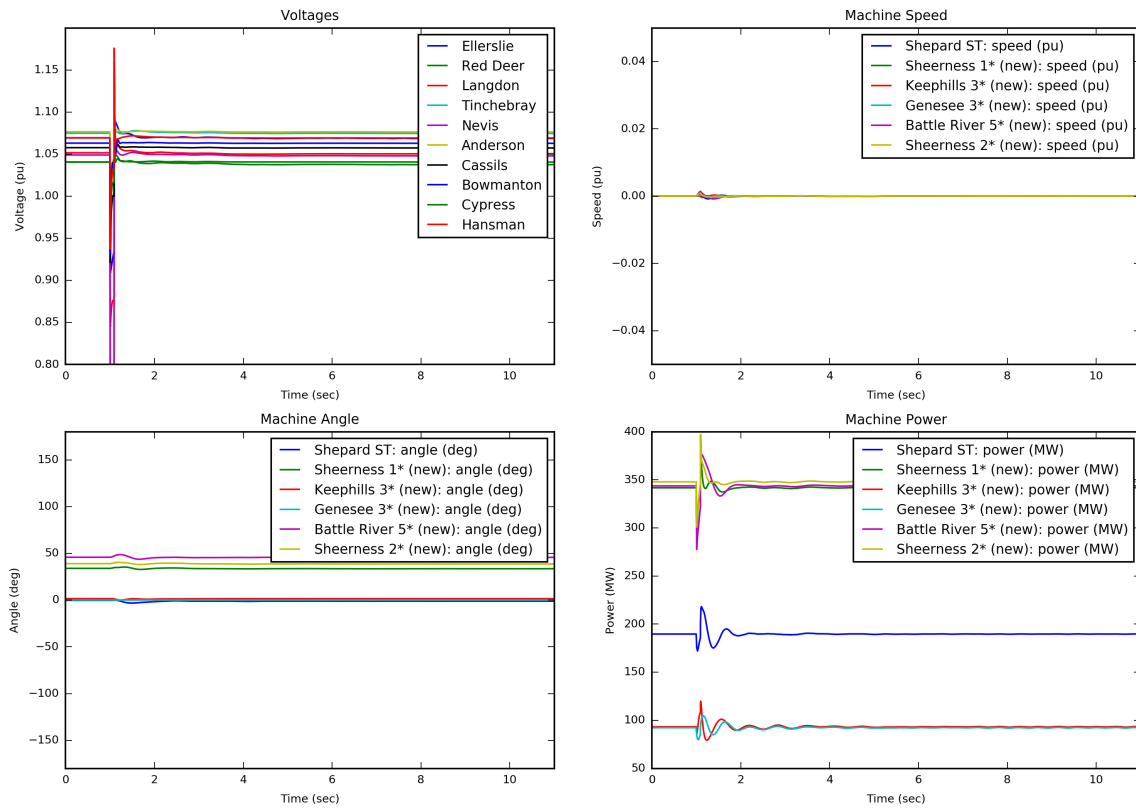
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Hazelwood - Janet) near Hazelwood
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 929L (Hazelwood - Janet)
- T = 1.0920 s: Fault is cleared

**Figure 68**



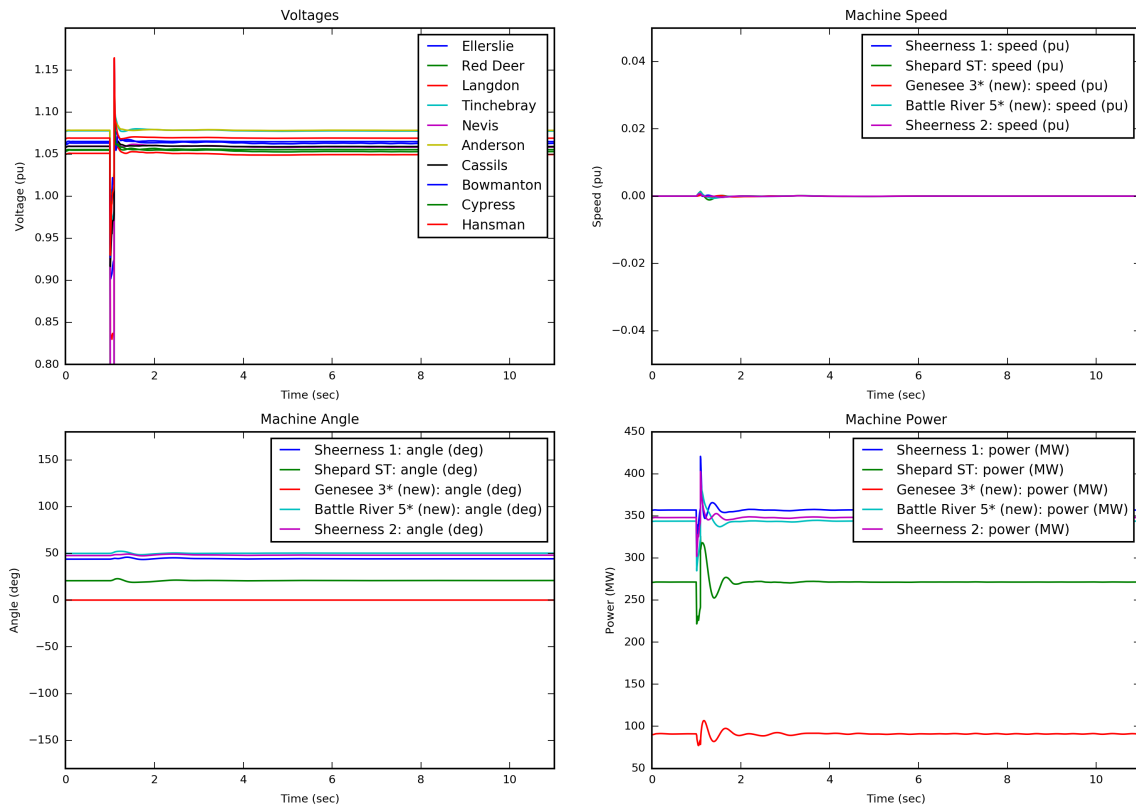
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Hazelwood - Janet) near Hazelwood
- T = 1.0920 s: Opened both breakers
- T = 1.0920 s: Tripped 929L (Hazelwood - Janet)
- T = 1.0920 s: Fault is cleared

**Figure 69**



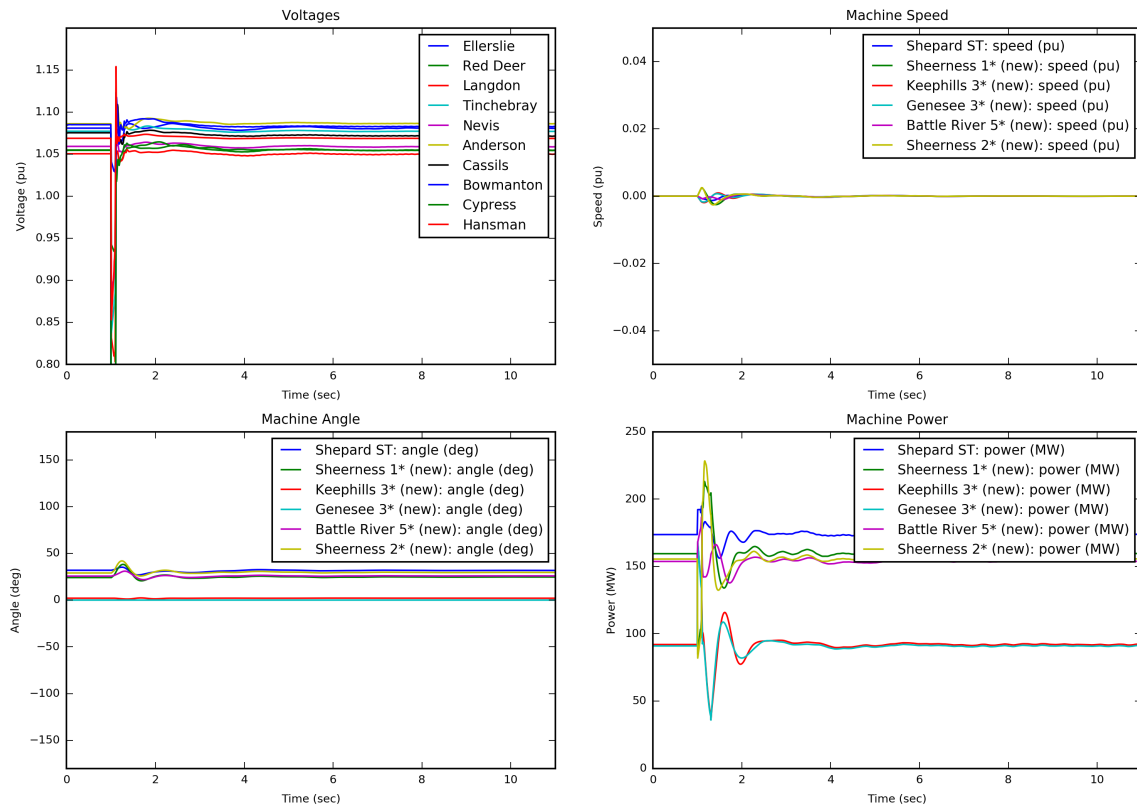
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 929L (Hazelwood - Janet) near Hazelwood
- T = 1.0920 s: Tripped 929L (Hazelwood - Janet)
- T = 1.0920 s: Fault is cleared
- T = 1.0920 s: Opened both breakers

**Figure 70**



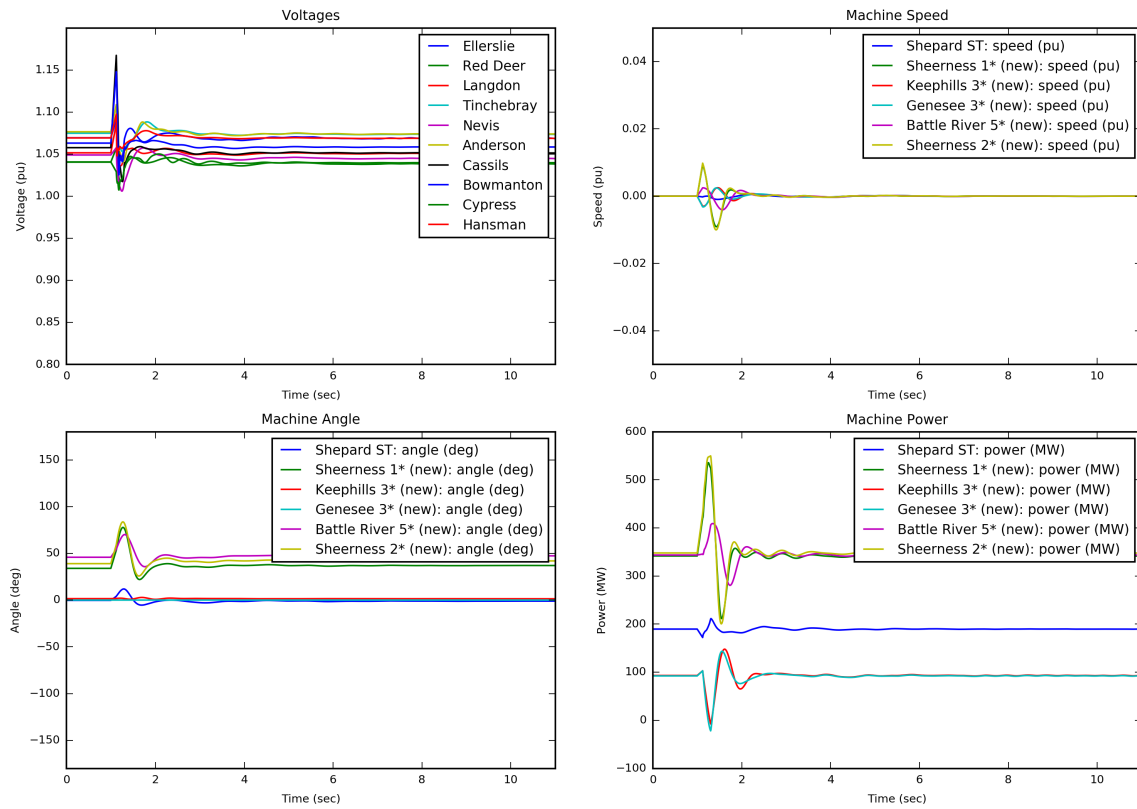
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at West Brooks
- T = 1.1010 s: Tripped 931L
- T = 1.1010 s: Tripped 1075L
- T = 1.1010 s: Fault is cleared

**Figure 71**



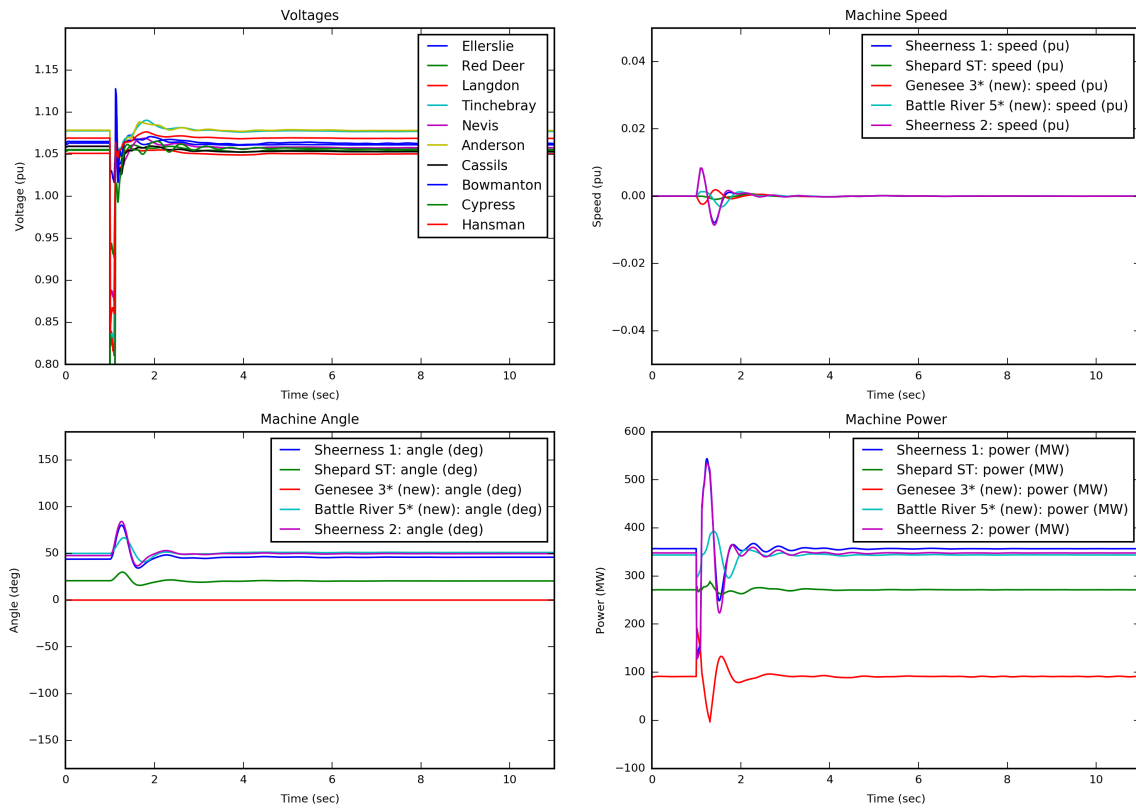
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at West Brooks
- T = 1.1010 s: Tripped 931L
- T = 1.1010 s: Tripped 1075L
- T = 1.1010 s: Fault is cleared

**Figure 72**



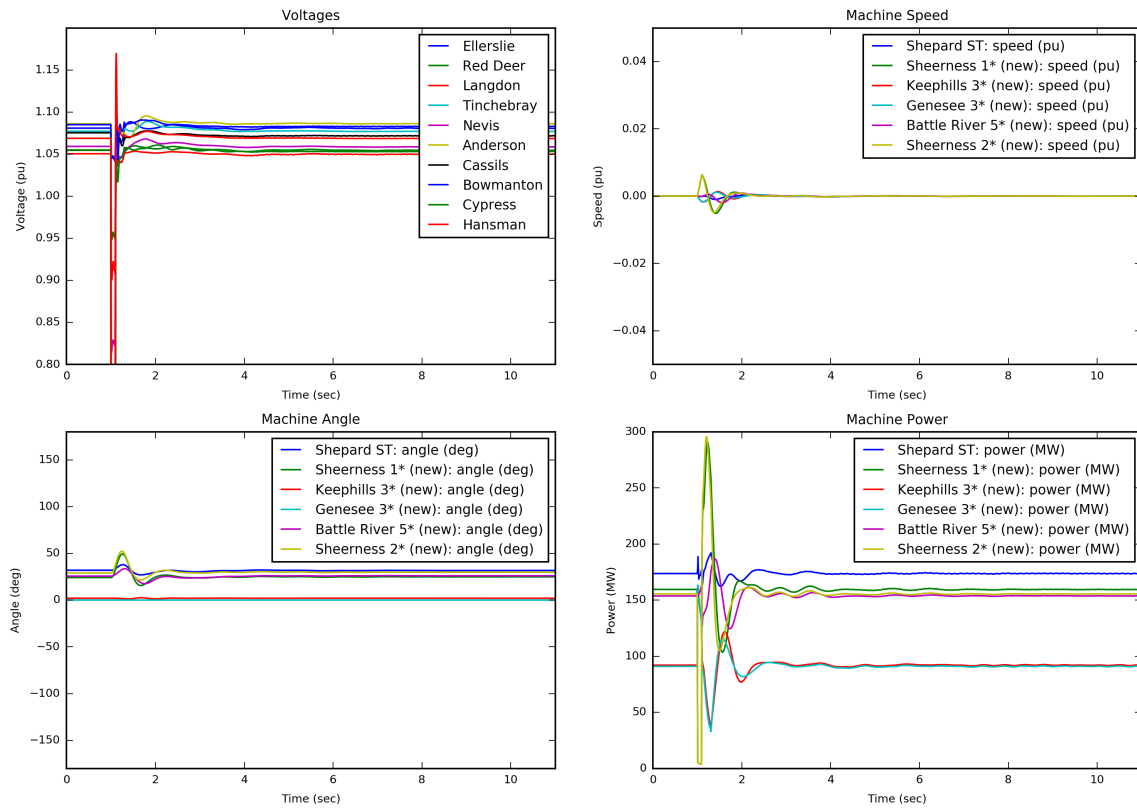
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at West Brooks
- T = 1.1010 s: Tripped 931L
- T = 1.1010 s: Tripped 1075L
- T = 1.1010 s: Fault is cleared

**Figure 73**



**Case Description**

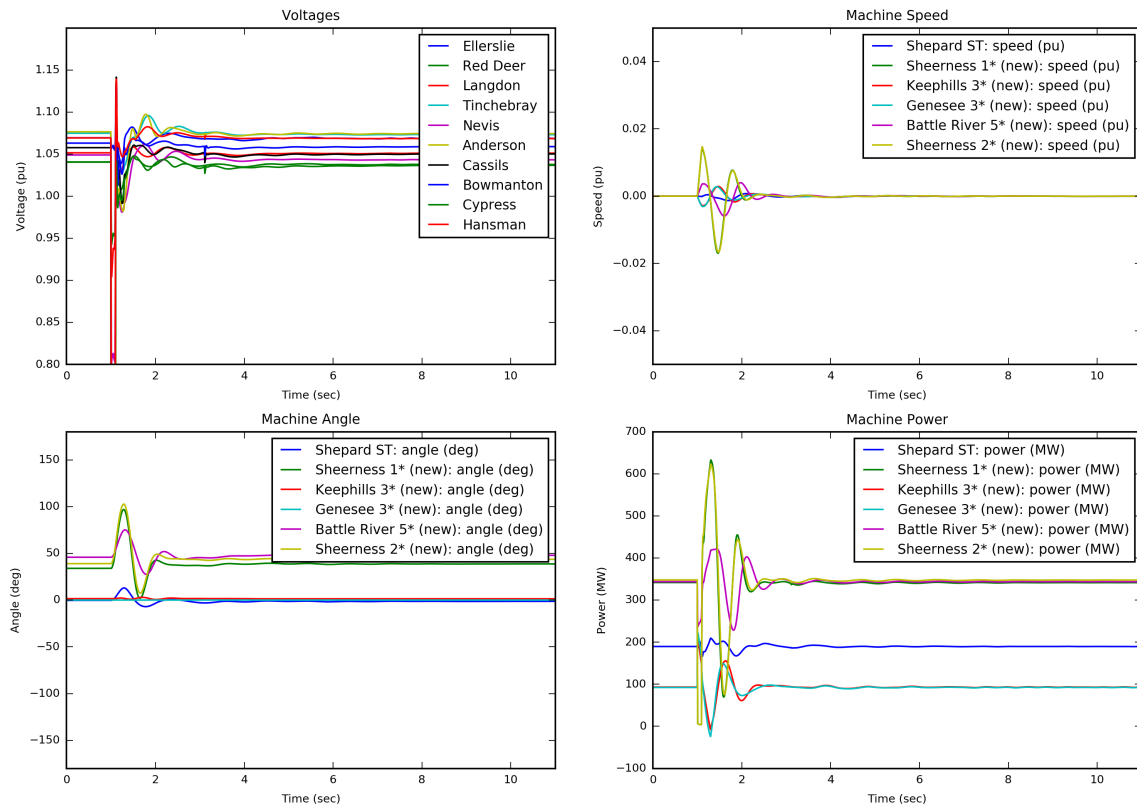
- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Anderson
- T = 1.1010 s: Tripped 933L
- T = 1.1010 s: Tripped 934L
- T = 1.1010 s: Fault is cleared



**Figure 74**



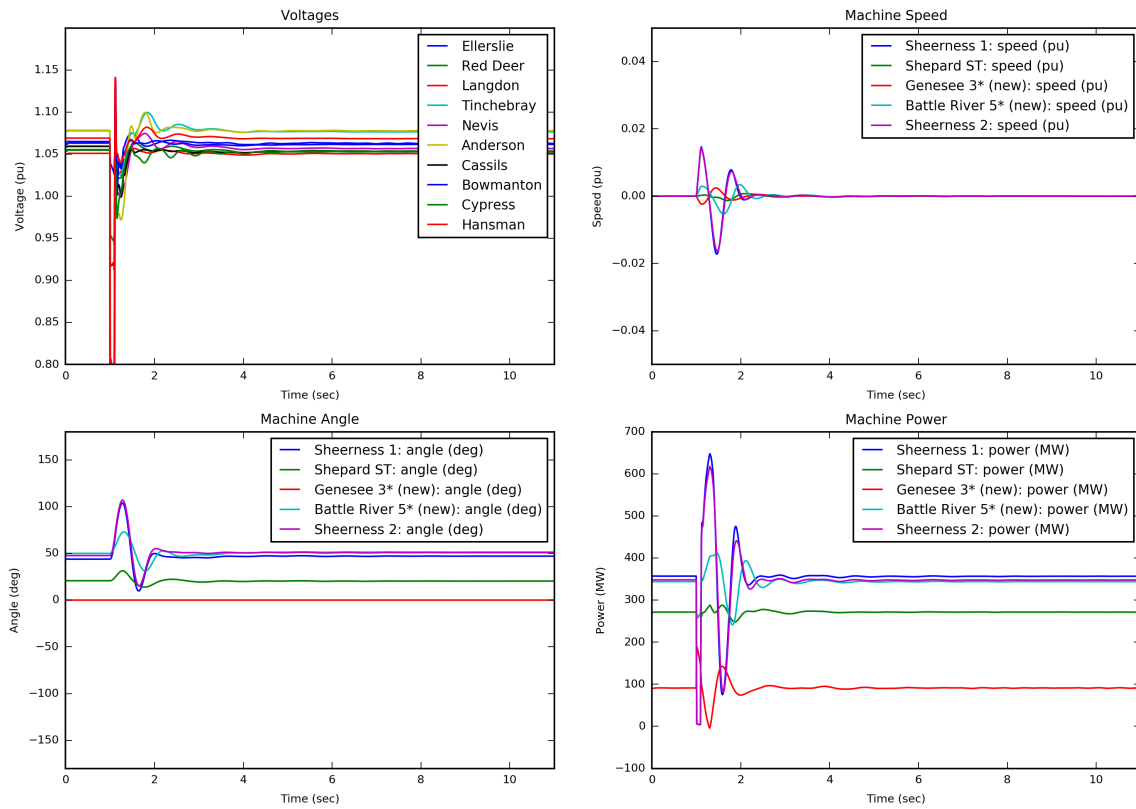
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Anderson
- T = 1.1010 s: Tripped 933L
- T = 1.1010 s: Tripped 934L
- T = 1.1010 s: Fault is cleared

**Figure 75**



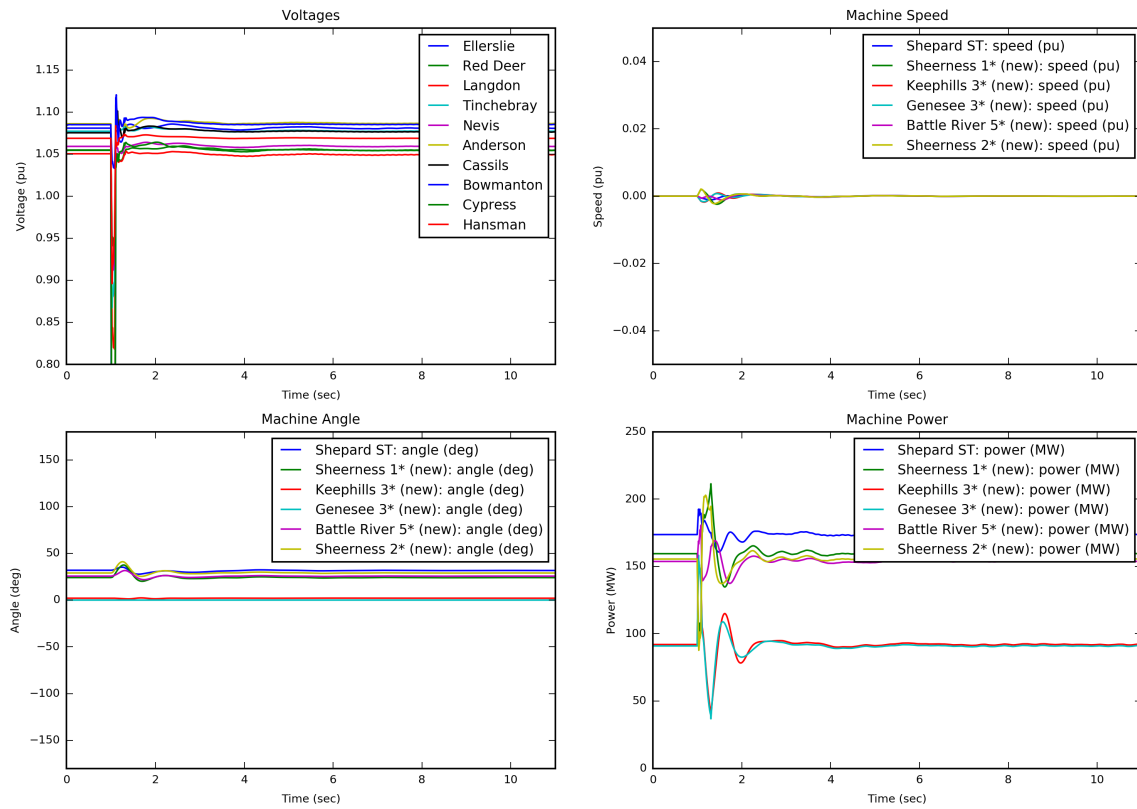
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Anderson
- T = 1.1010 s: Tripped 933L
- T = 1.1010 s: Tripped 934L
- T = 1.1010 s: Fault is cleared

**Figure 76**



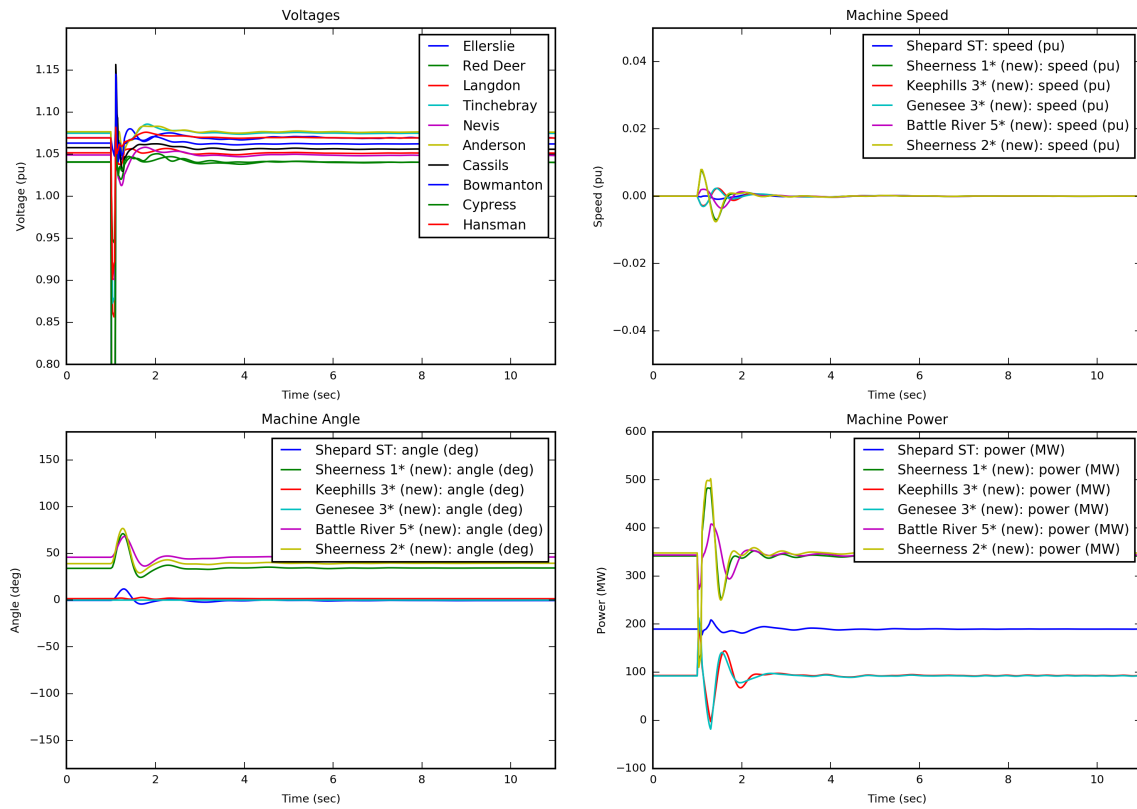
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Cassils - Milo) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Cassils - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 77**



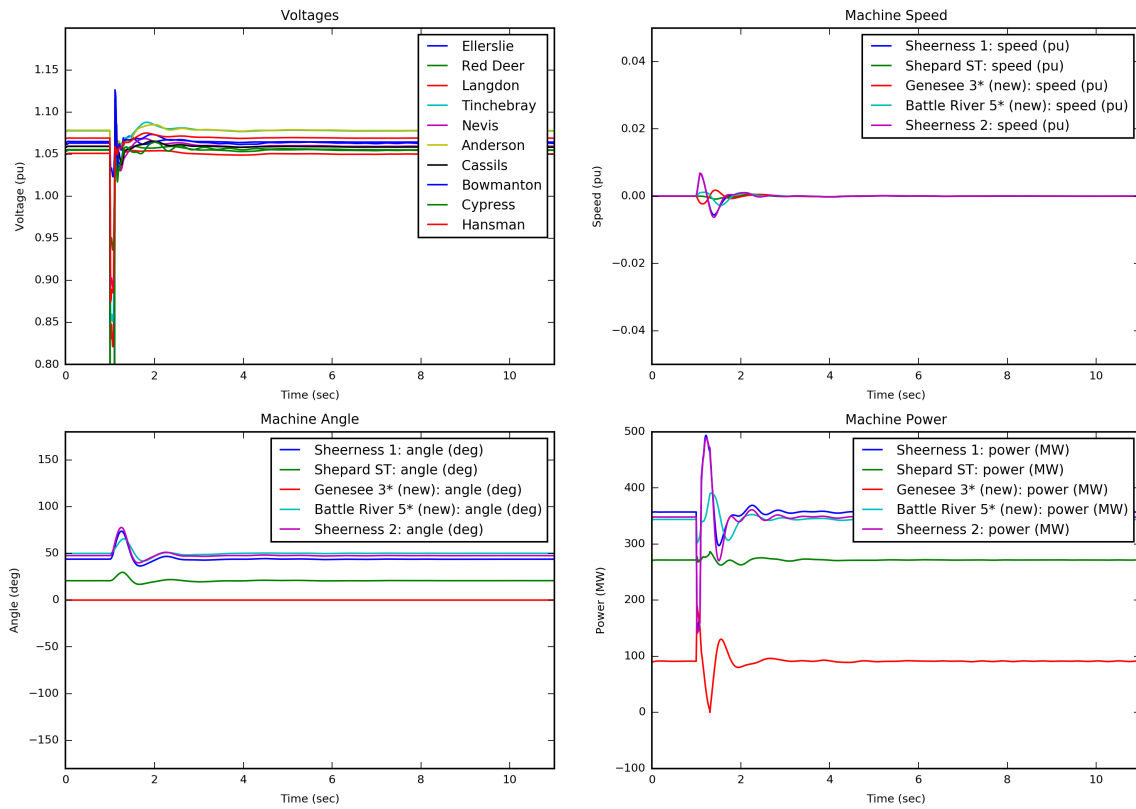
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Cassils - Milo) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Cassils - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 78**



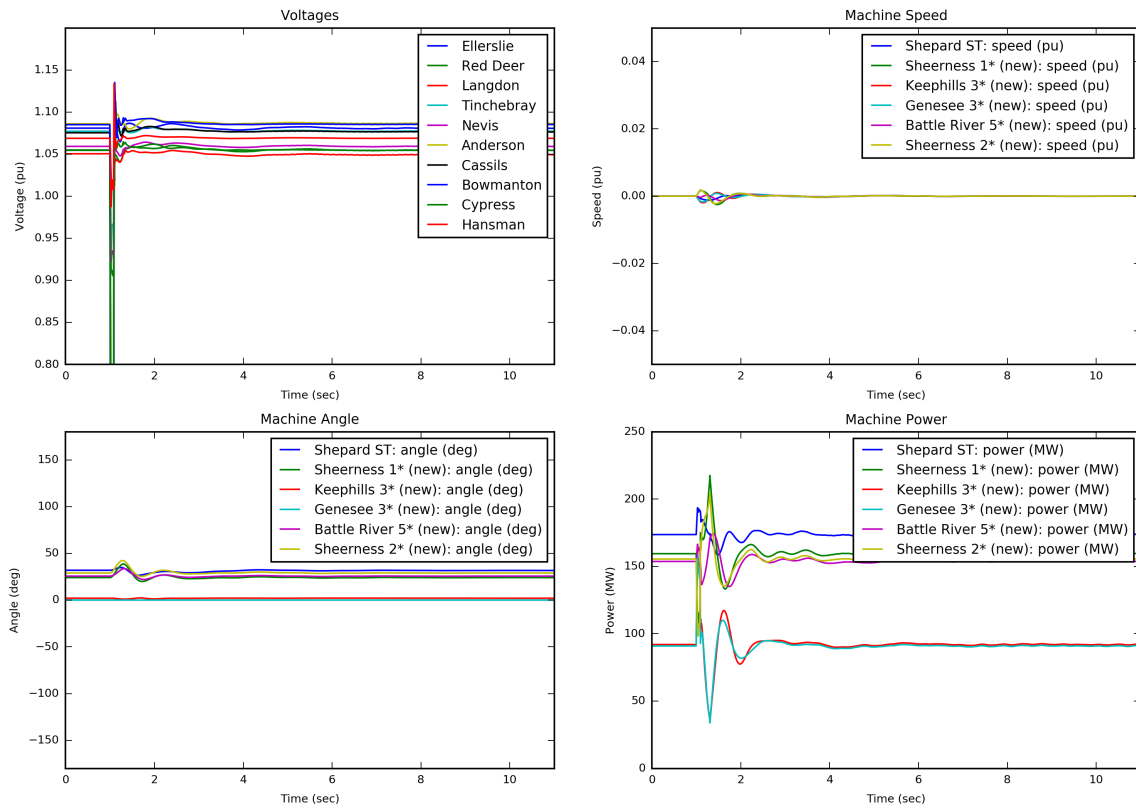
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Cassils - Milo) near Cassils
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Cassils - Milo)
- T = 1.1010 s: Fault is cleared

**Figure 79**



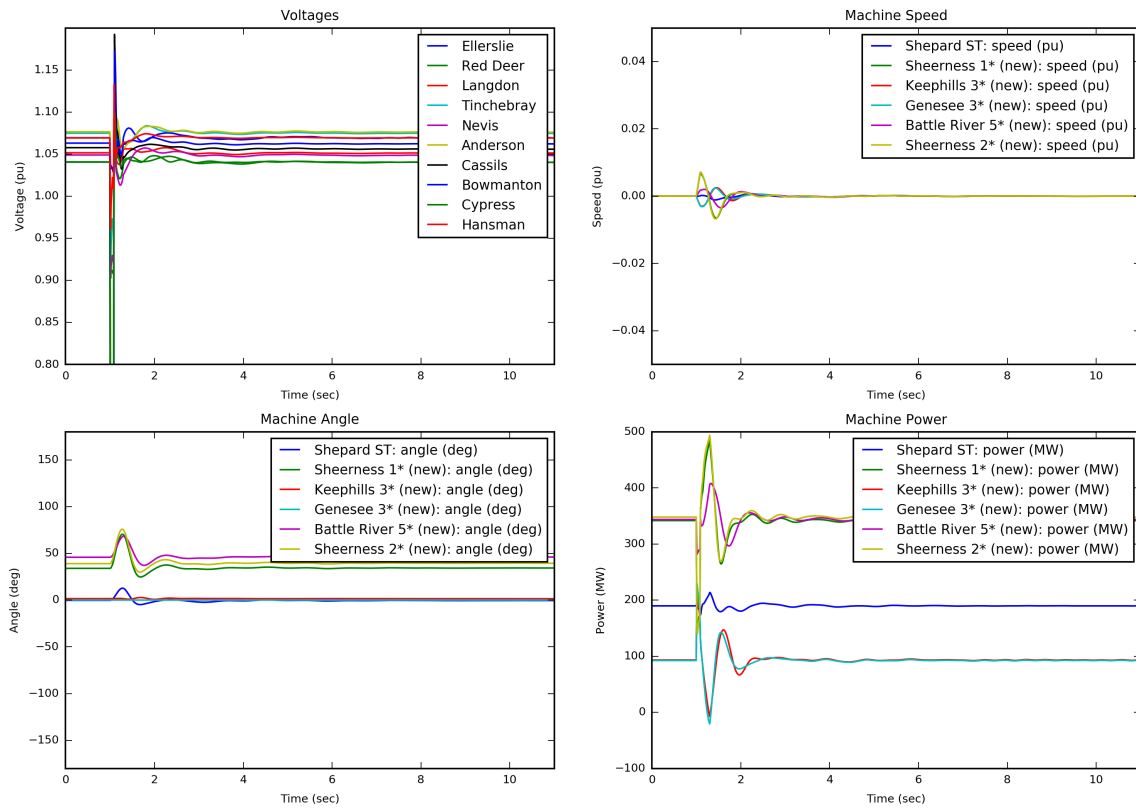
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Milo - Cassils) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Milo - Cassils)
- T = 1.1010 s: Fault is cleared

**Figure 80**



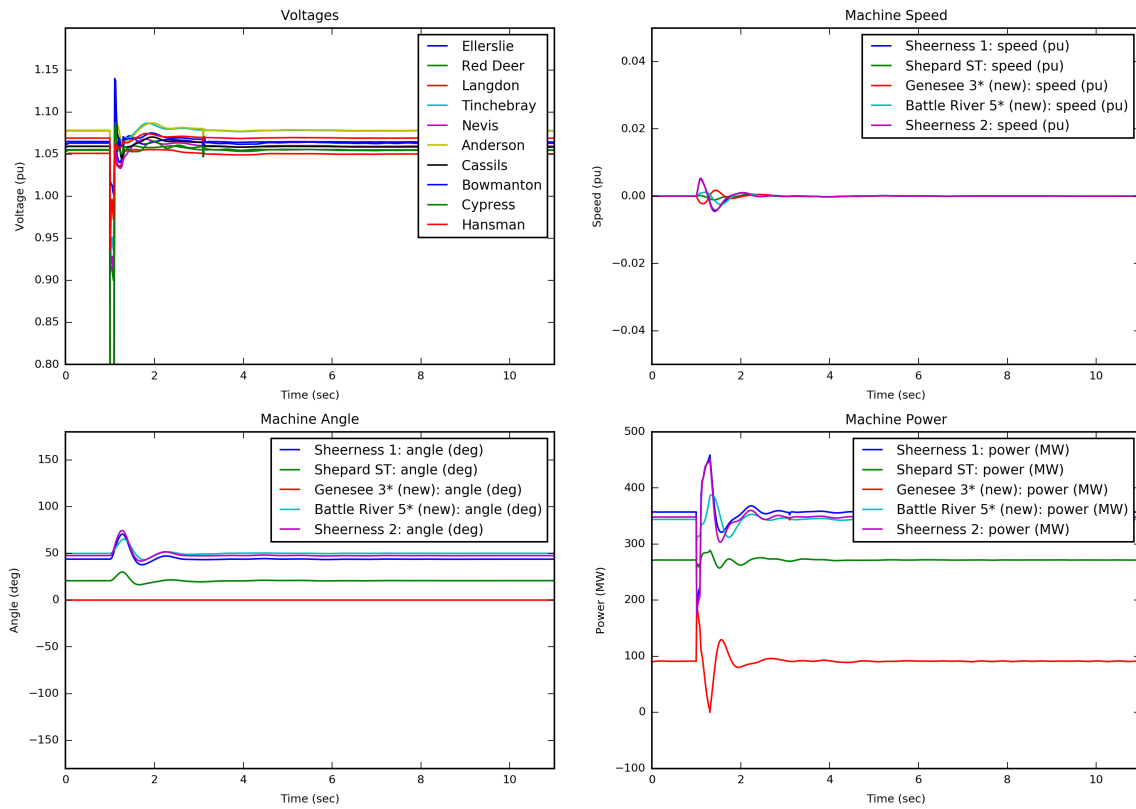
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Milo - Cassils) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Milo - Cassils)
- T = 1.1010 s: Fault is cleared

**Figure 81**



**Case Description**

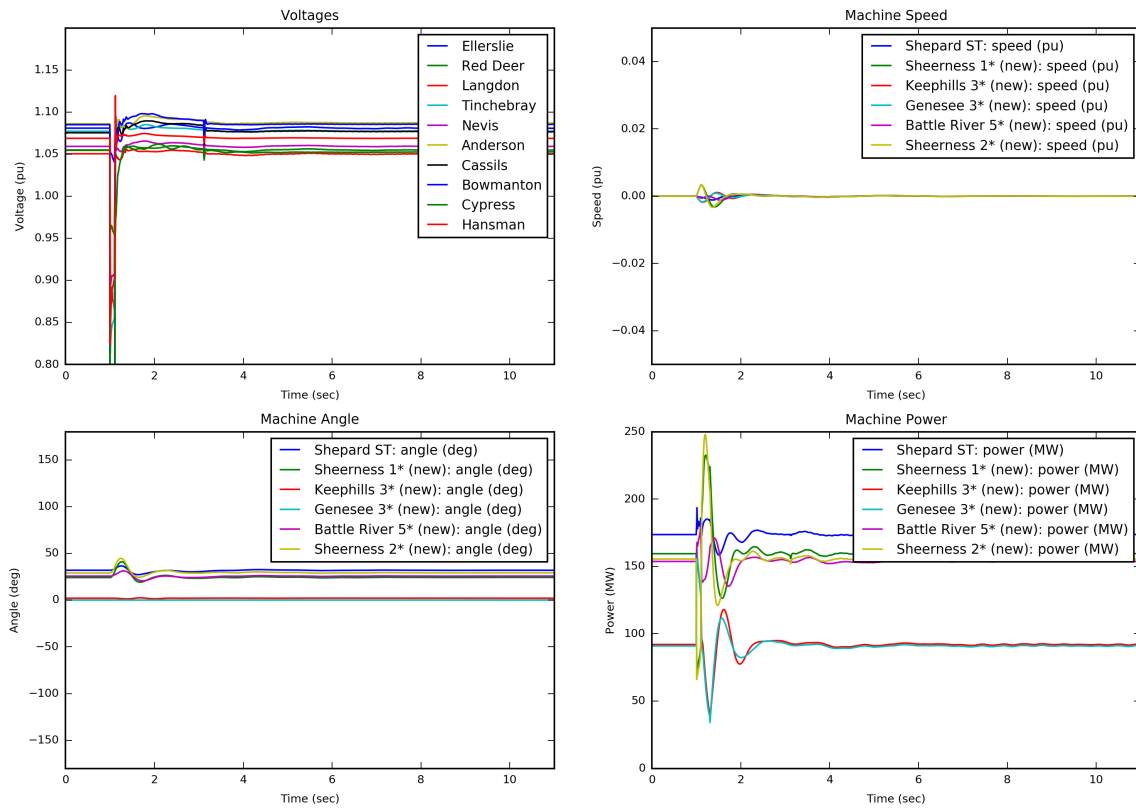
- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 935L (Milo - Cassils) near Milo
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 935L (Milo - Cassils)
- T = 1.1010 s: Fault is cleared



**Figure 82**



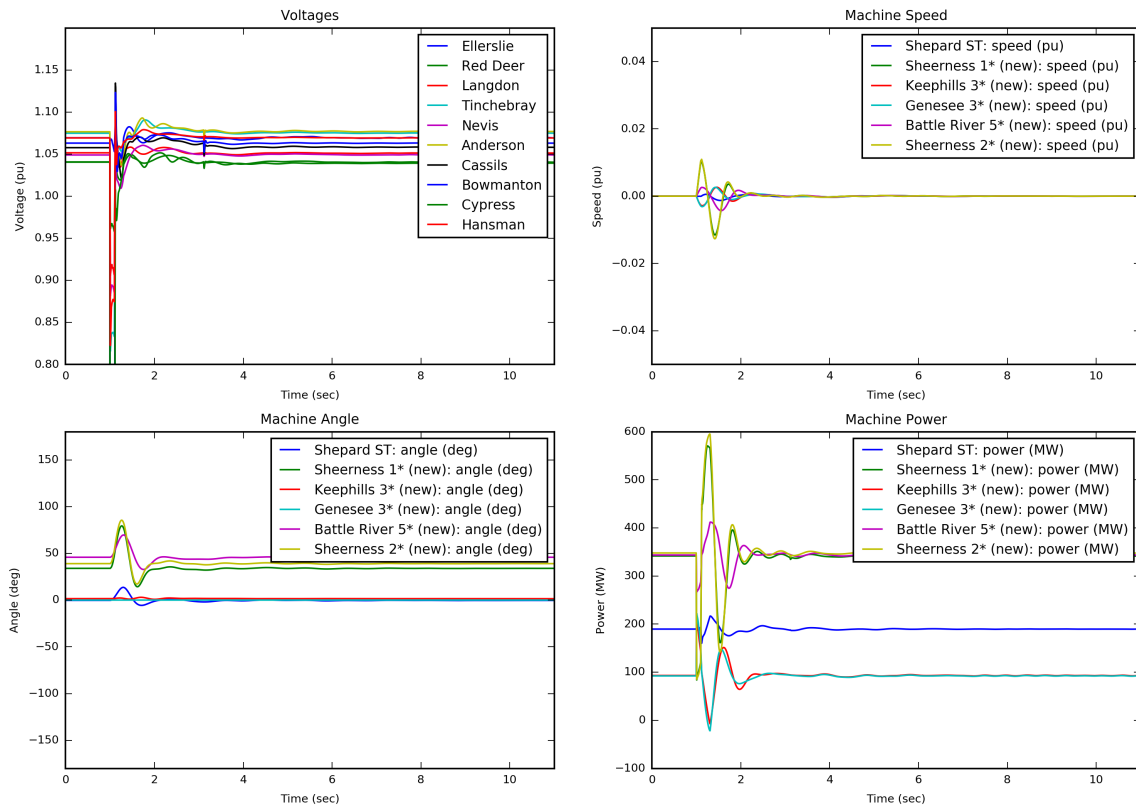
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Ware Jct. - Jenner) near Ware Jct.
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Ware Jct. - Jenner)
- T = 1.1220 s: Fault is cleared

**Figure 83**



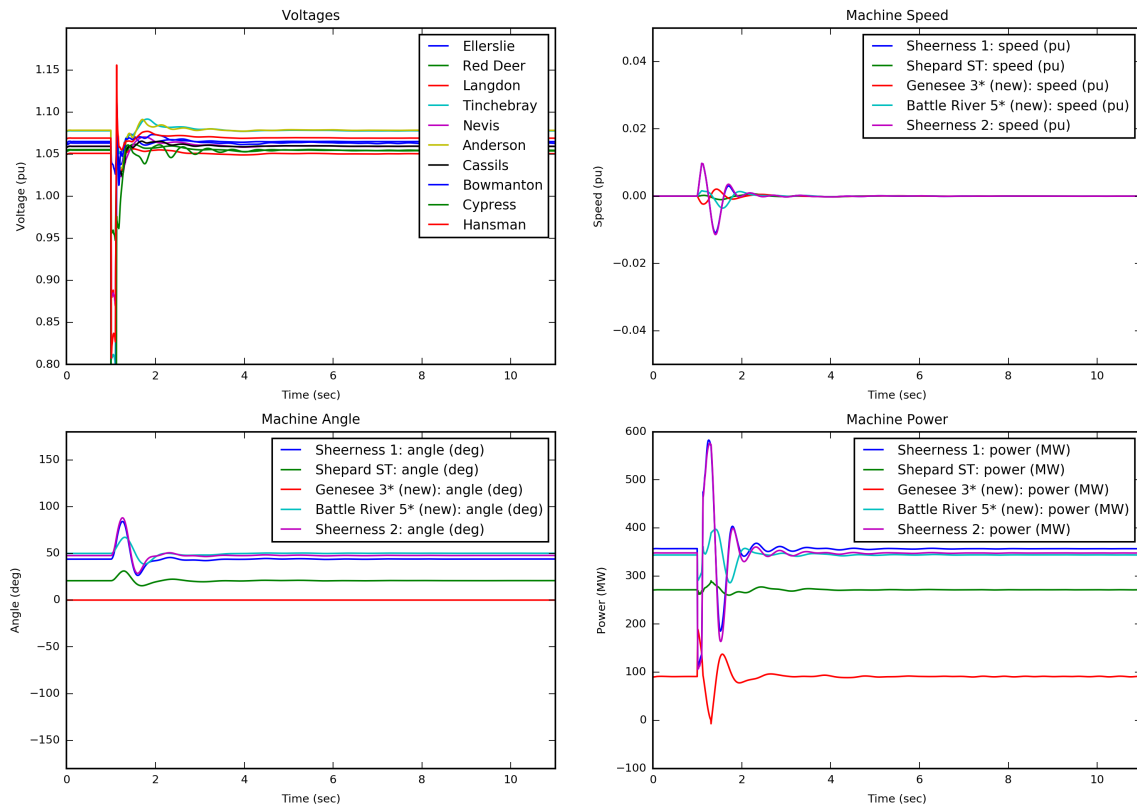
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Ware Jct. - Jenner) near Ware Jct.
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Ware Jct. - Jenner)
- T = 1.1220 s: Fault is cleared

**Figure 84**



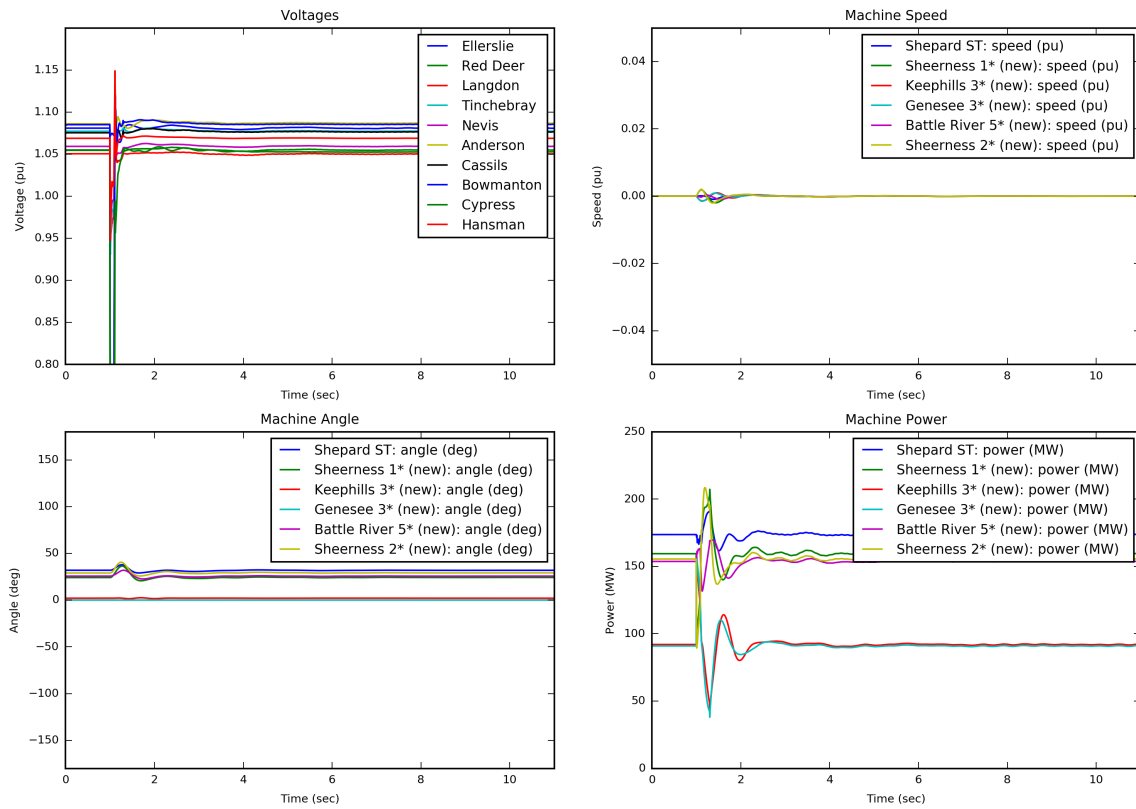
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Ware Jct. - Jenner) near Ware Jct.
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Ware Jct. - Jenner)
- T = 1.1220 s: Fault is cleared

**Figure 85**



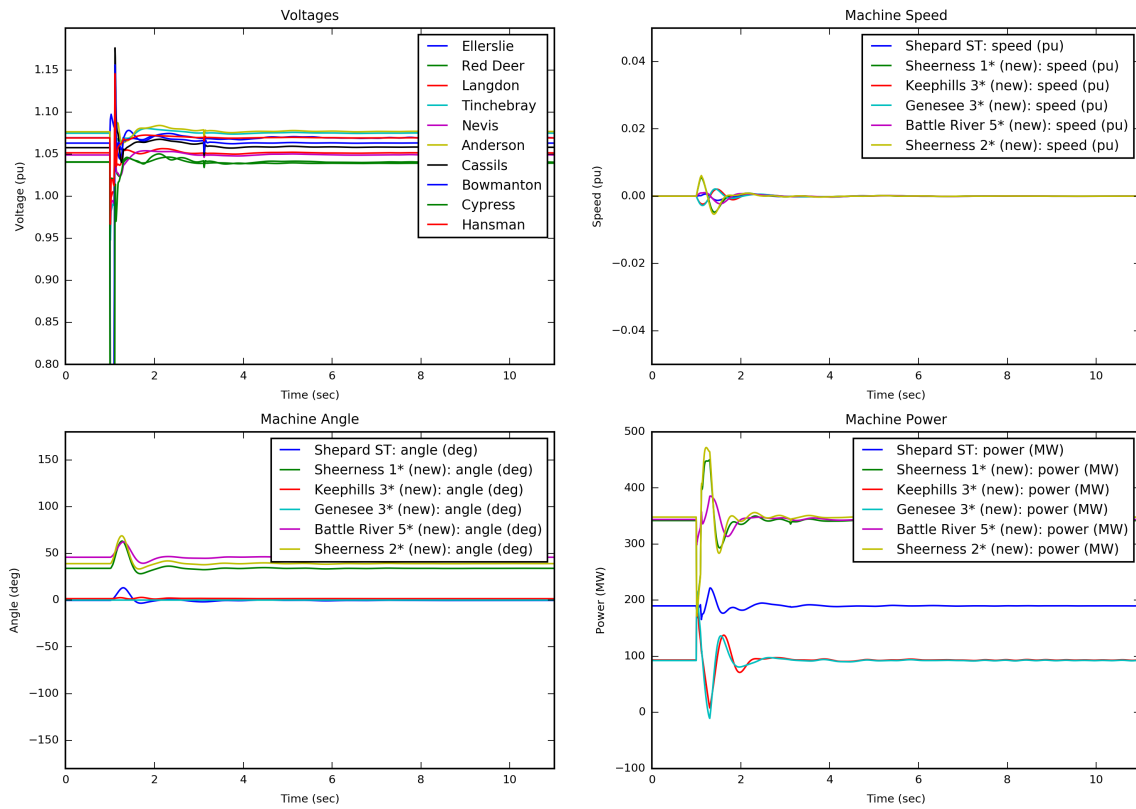
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Jenner - Ware Jct.) near Jenner
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Jenner - Ware Jct.)
- T = 1.1220 s: Fault is cleared

**Figure 86**



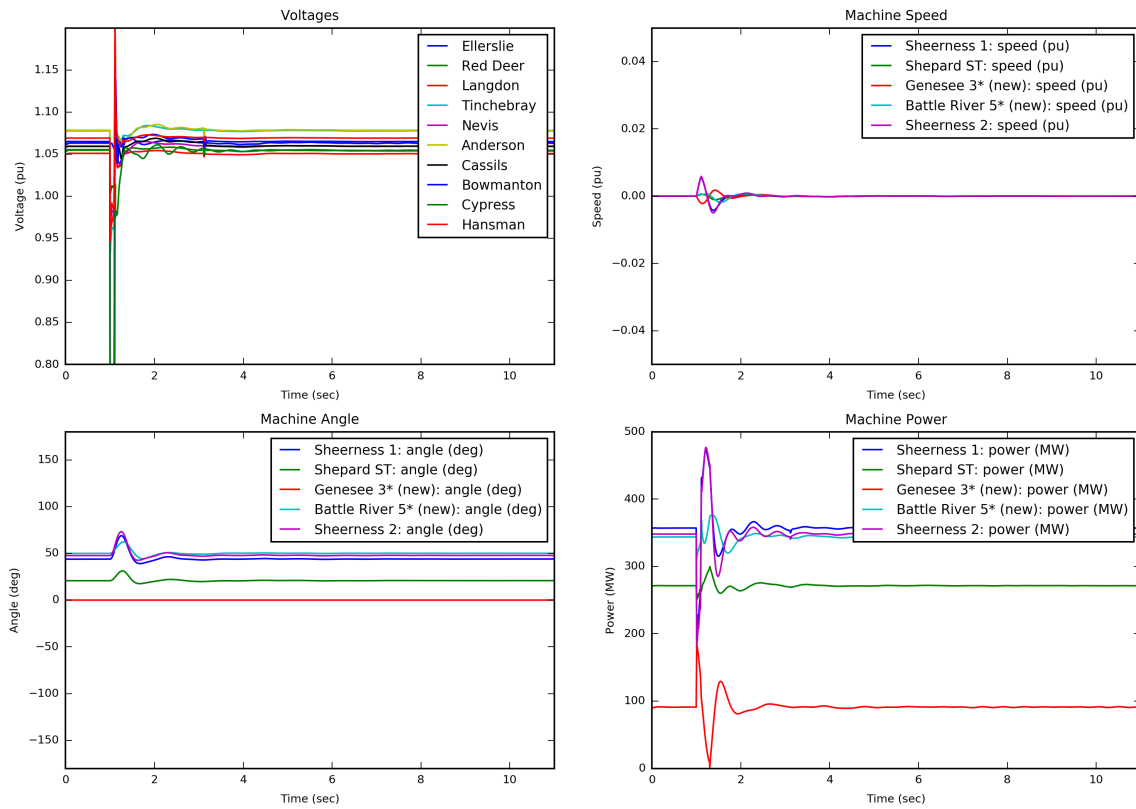
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Jenner - Ware Jct.) near Jenner
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Jenner - Ware Jct.)
- T = 1.1220 s: Fault is cleared

**Figure 87**



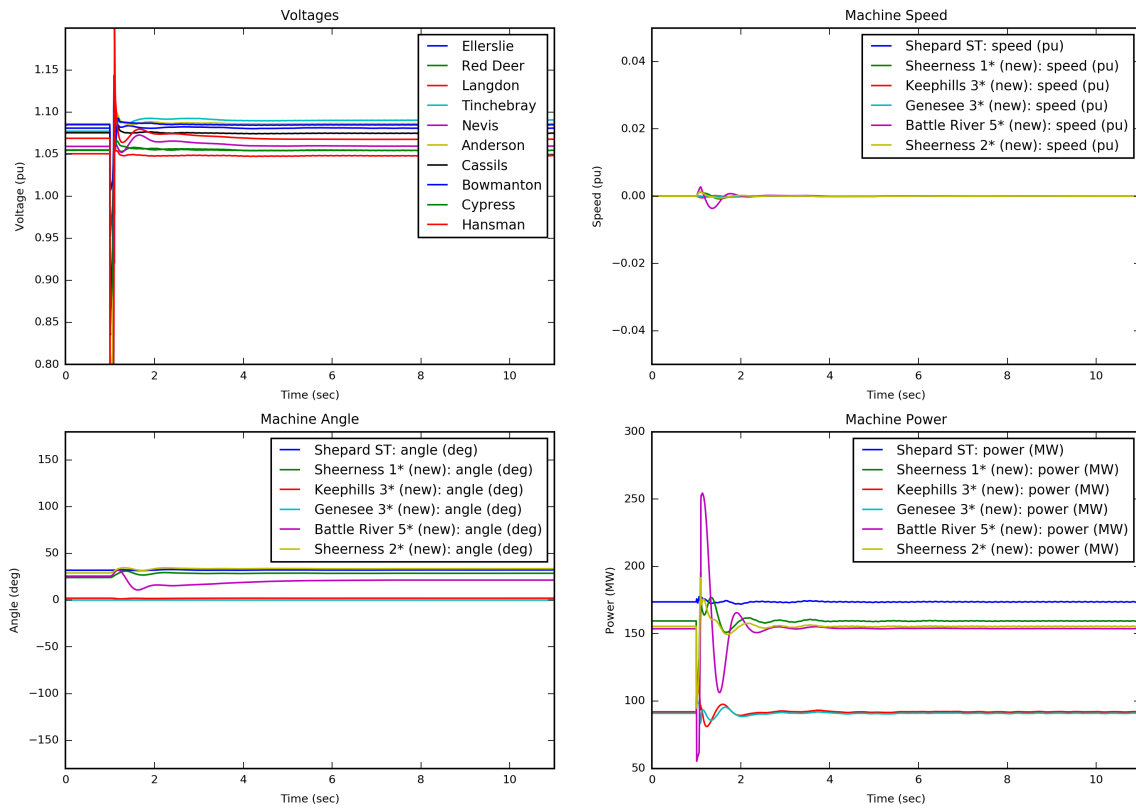
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 944L (Jenner - Ware Jct.) near Jenner
- T = 1.1070 s: Opened near end breaker
- T = 1.1220 s: Tripped 944L (Jenner - Ware Jct.)
- T = 1.1220 s: Fault is cleared

**Figure 88**



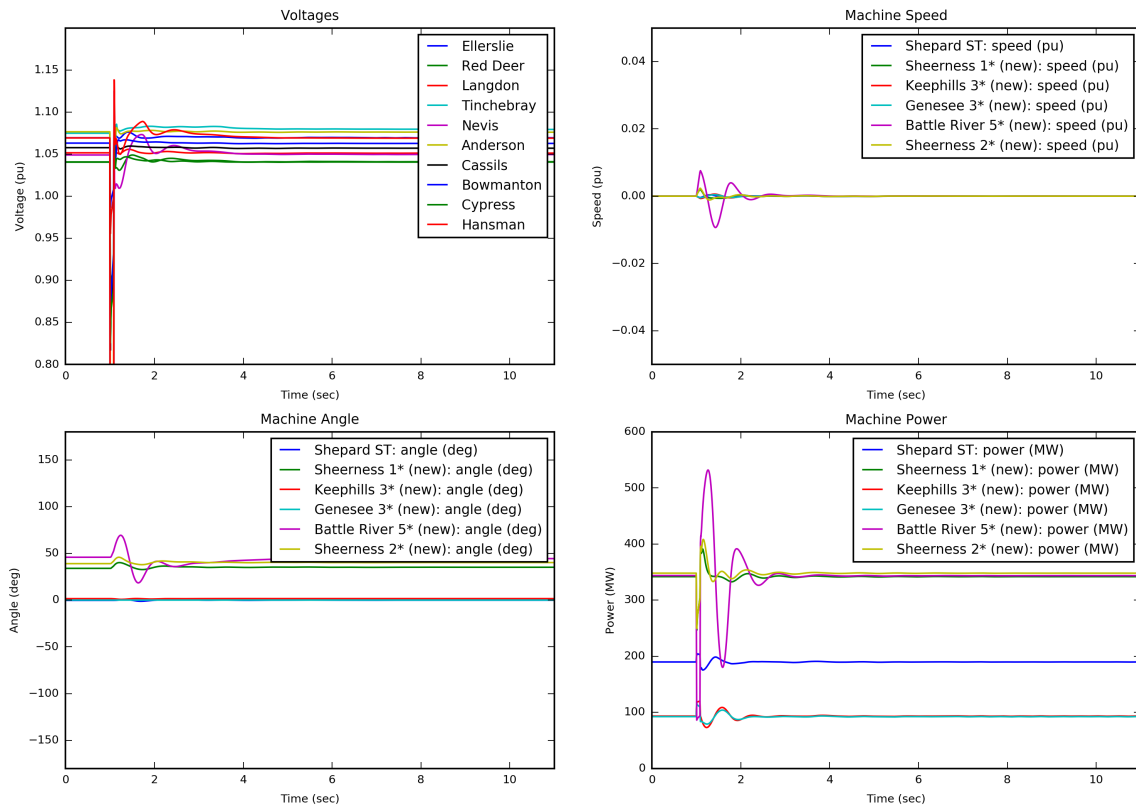
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Tinchebray - Cordel) near Tinchebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Tinchebray - Cordel)
- T = 1.1010 s: Fault is cleared

**Figure 89**



**Case Description**

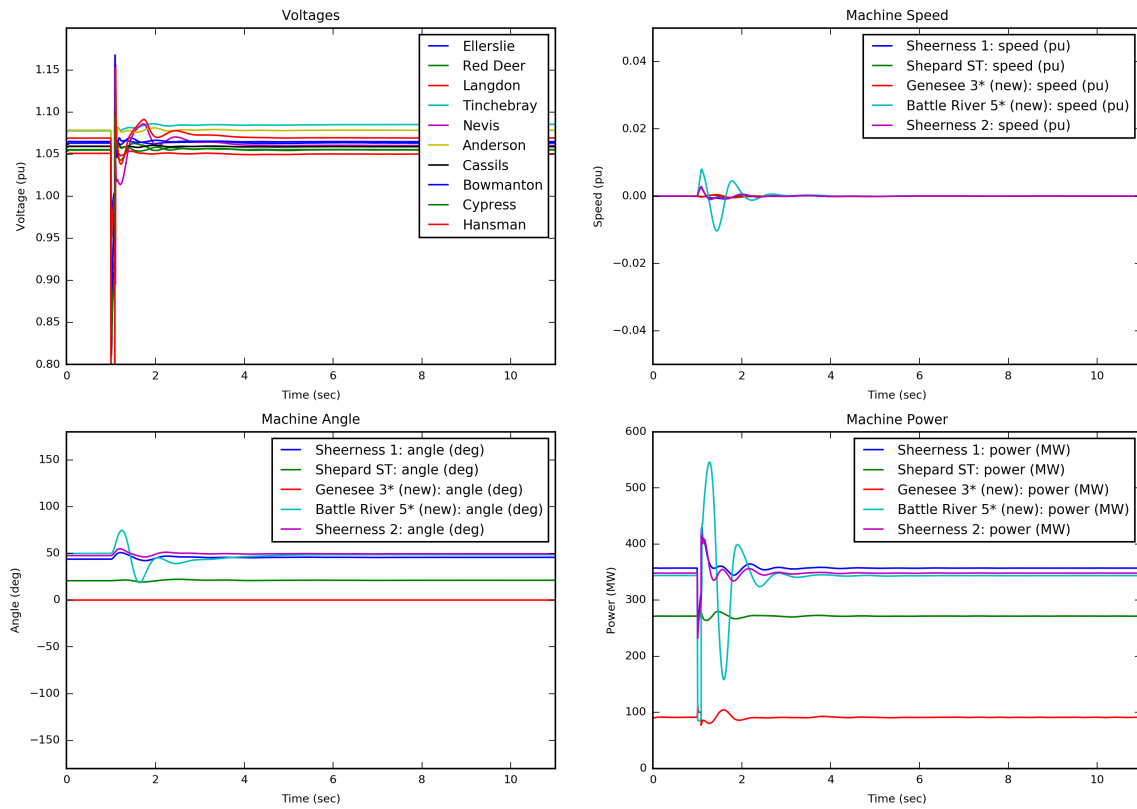
- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Tincebray - Cordel) near Tincebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Tincebray - Cordel)
- T = 1.1010 s: Fault is cleared



**Figure 90**



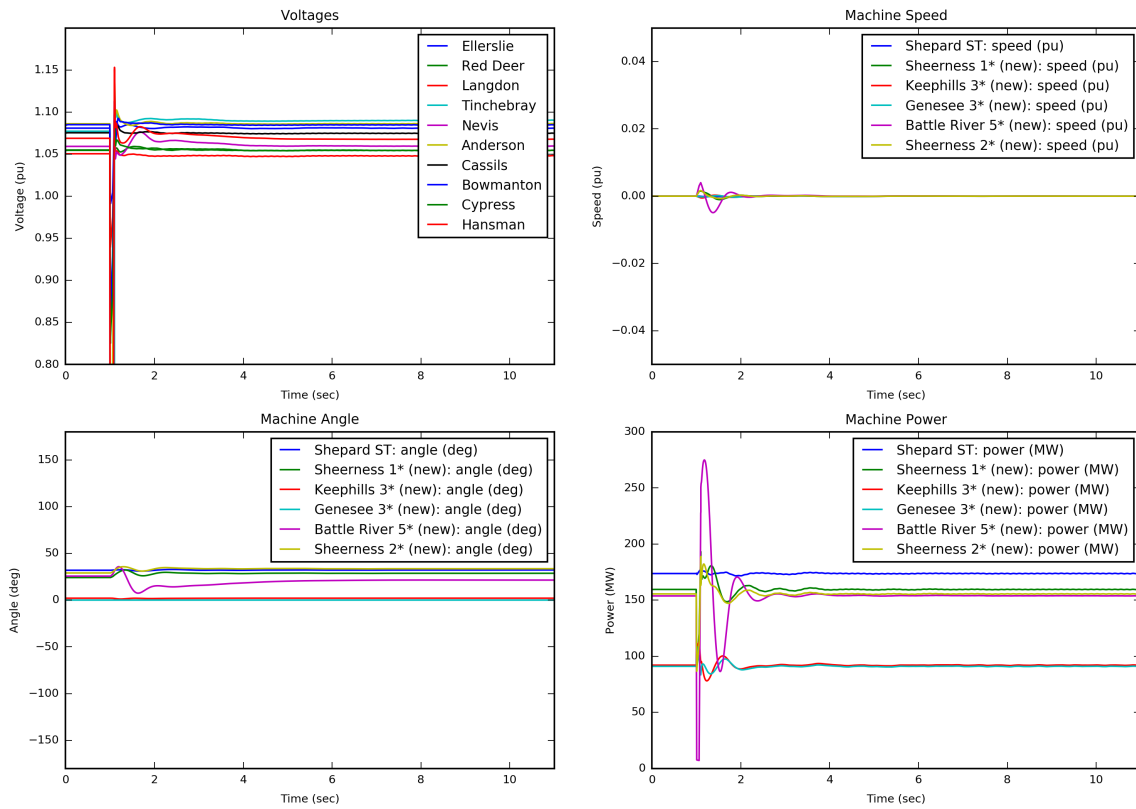
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Tinchebray - Cordel) near Tinchebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Tinchebray - Cordel)
- T = 1.1010 s: Fault is cleared

**Figure 91**



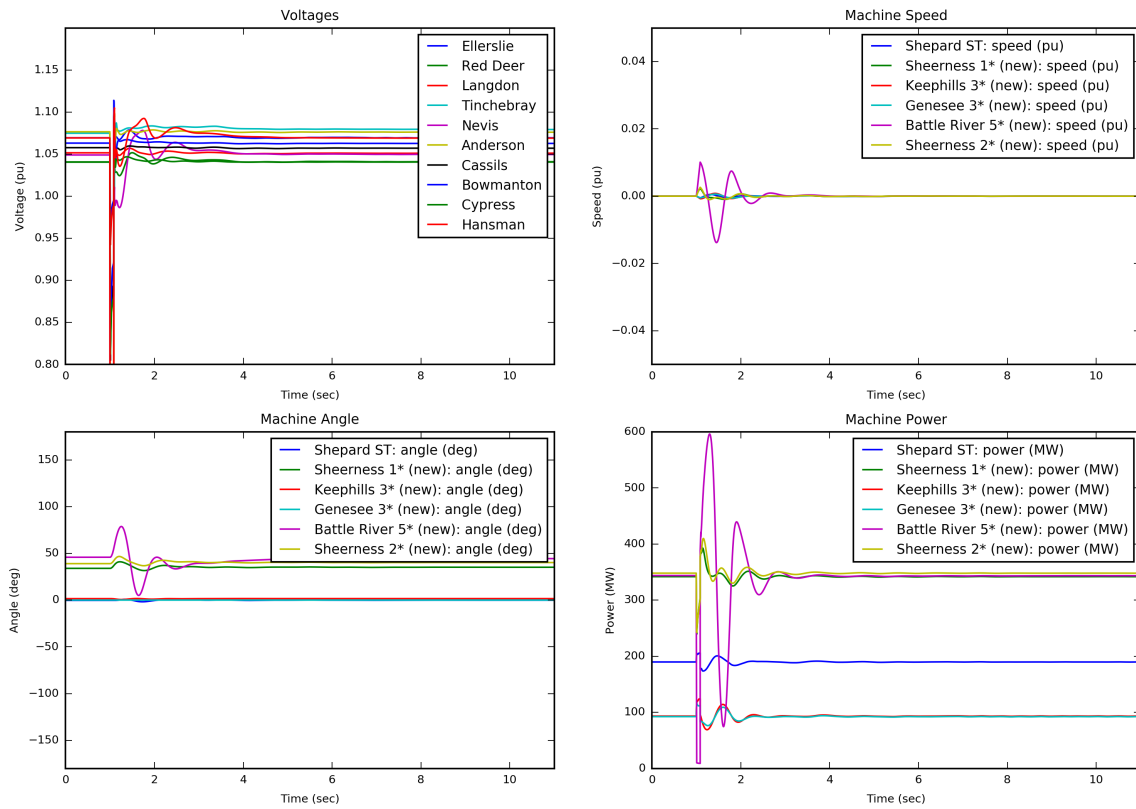
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Cordel - Tinchebray) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Cordel - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 92**



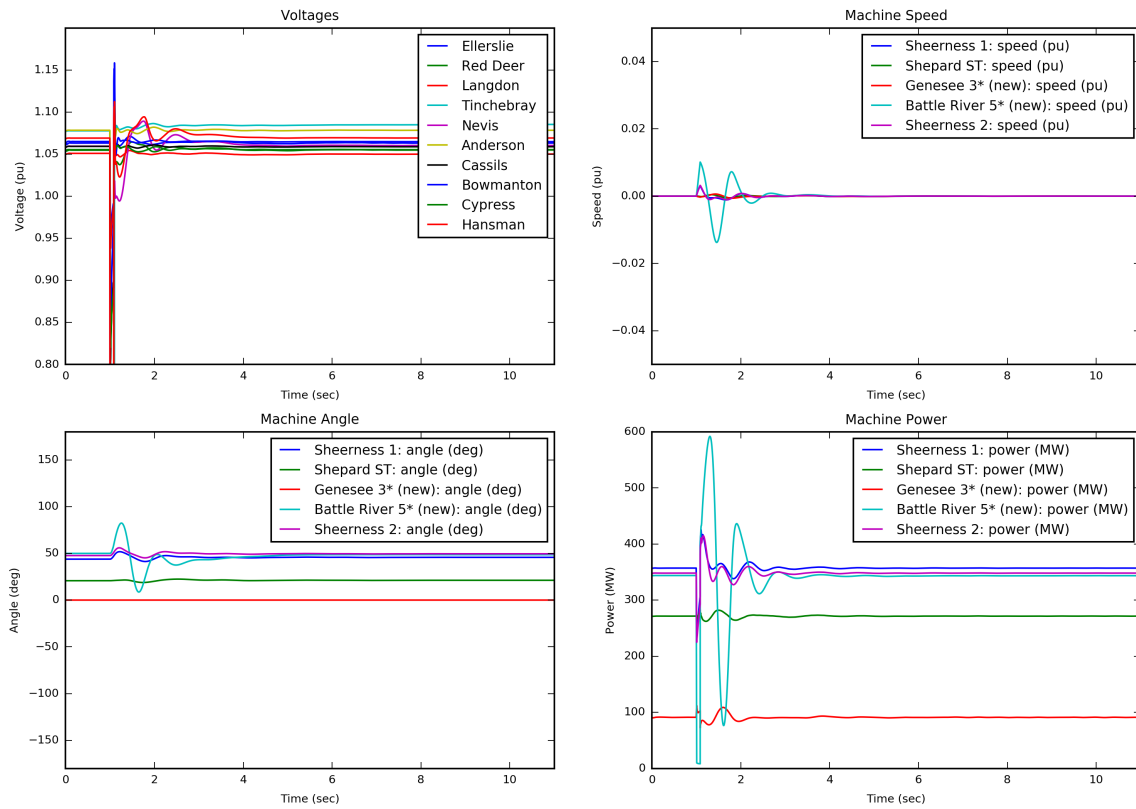
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Cordel - Tinchebray) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Cordel - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 93**



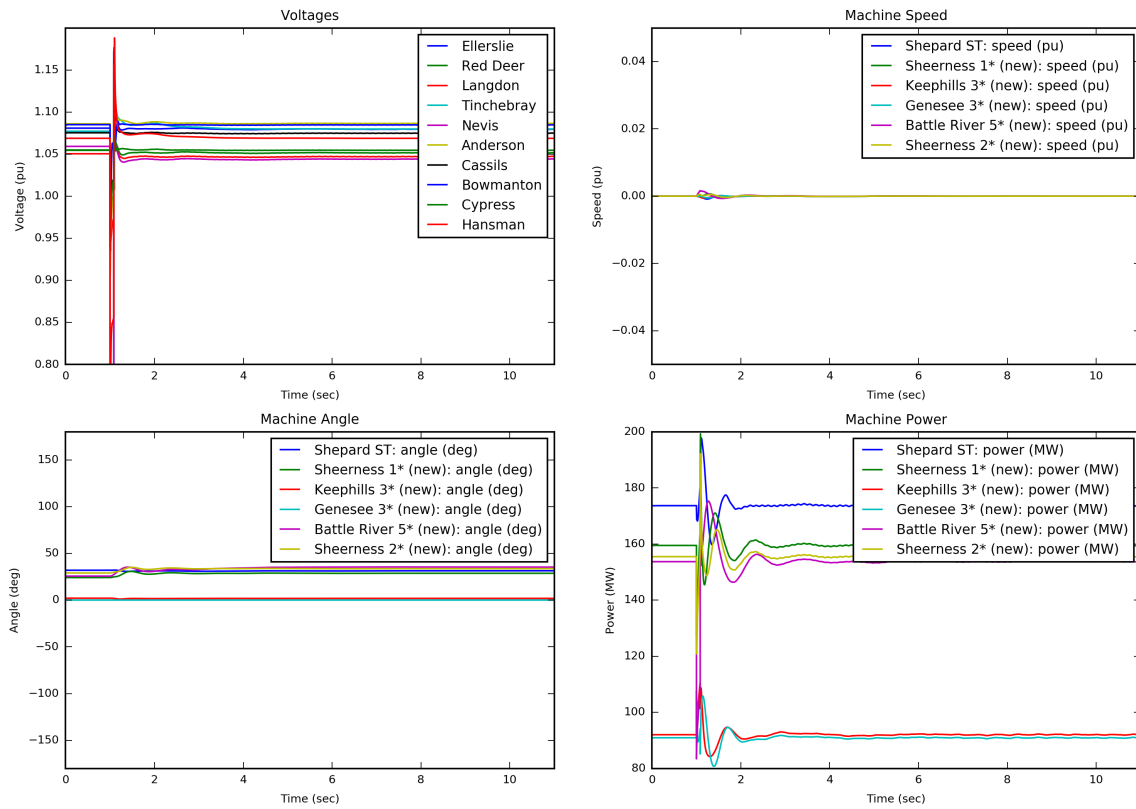
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L16 (Cordel - Tinchebray) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L16 (Cordel - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 94**



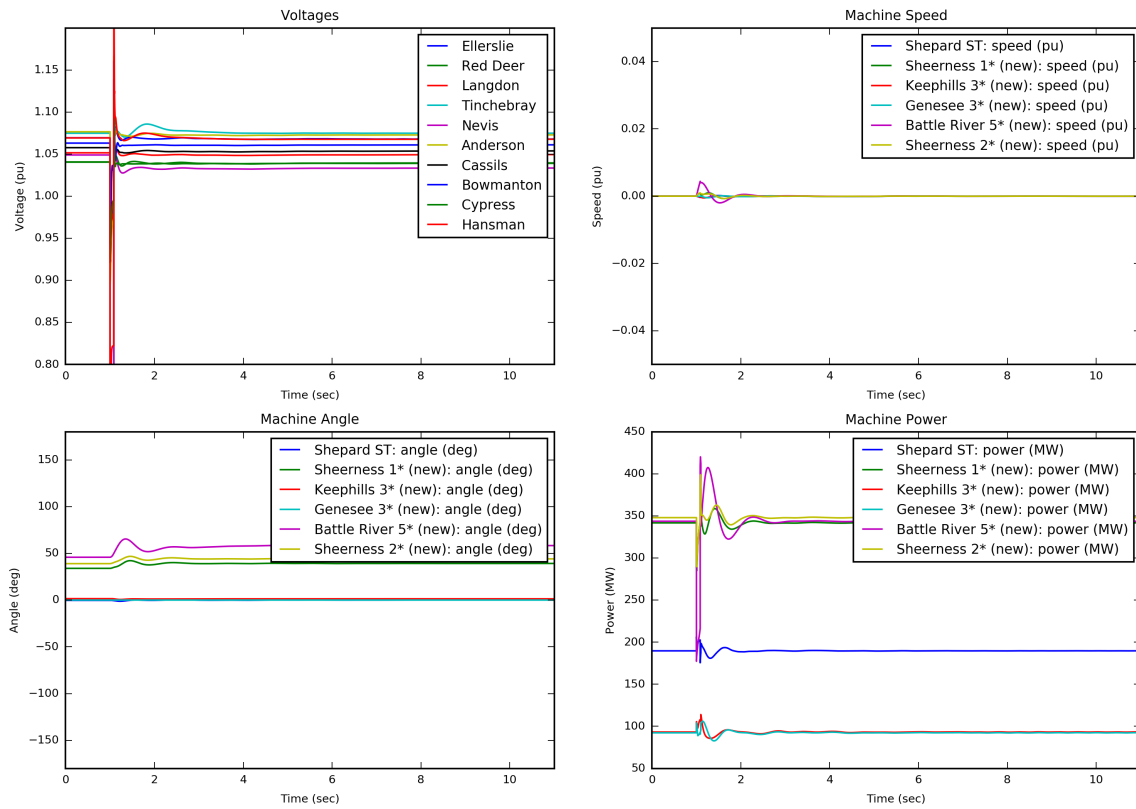
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Nevis - Cordel) near Nevis
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Nevis - Cordel)
- T = 1.1010 s: Fault is cleared

**Figure 95**



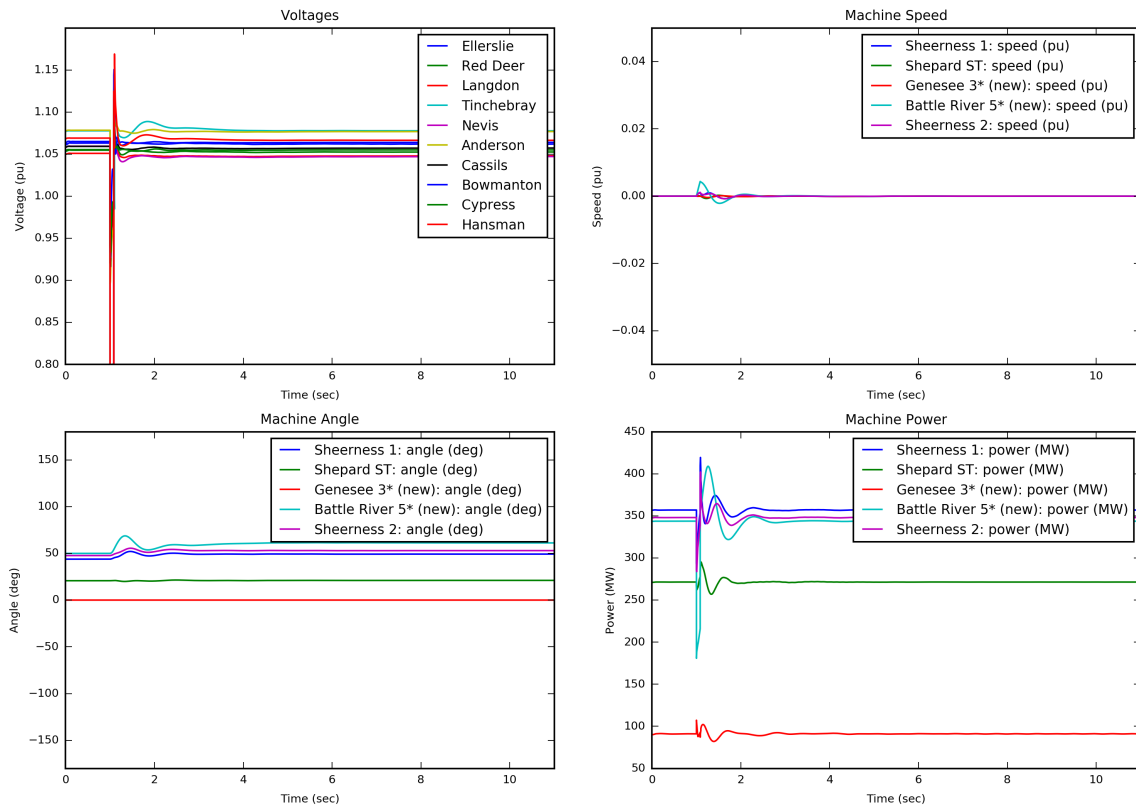
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Nevis - Cordel) near Nevis
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Nevis - Cordel)
- T = 1.1010 s: Fault is cleared

**Figure 96**



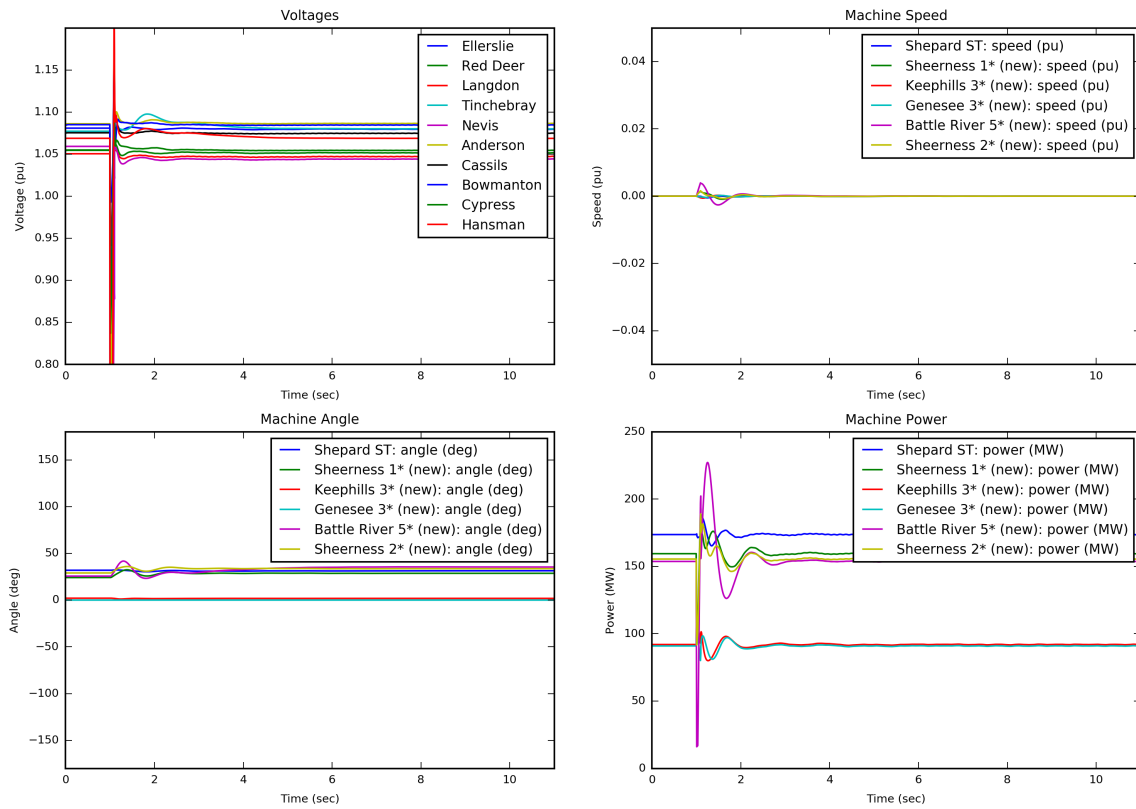
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Nevis - Cordel) near Nevis
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Nevis - Cordel)
- T = 1.1010 s: Fault is cleared

**Figure 97**



**Case Description**

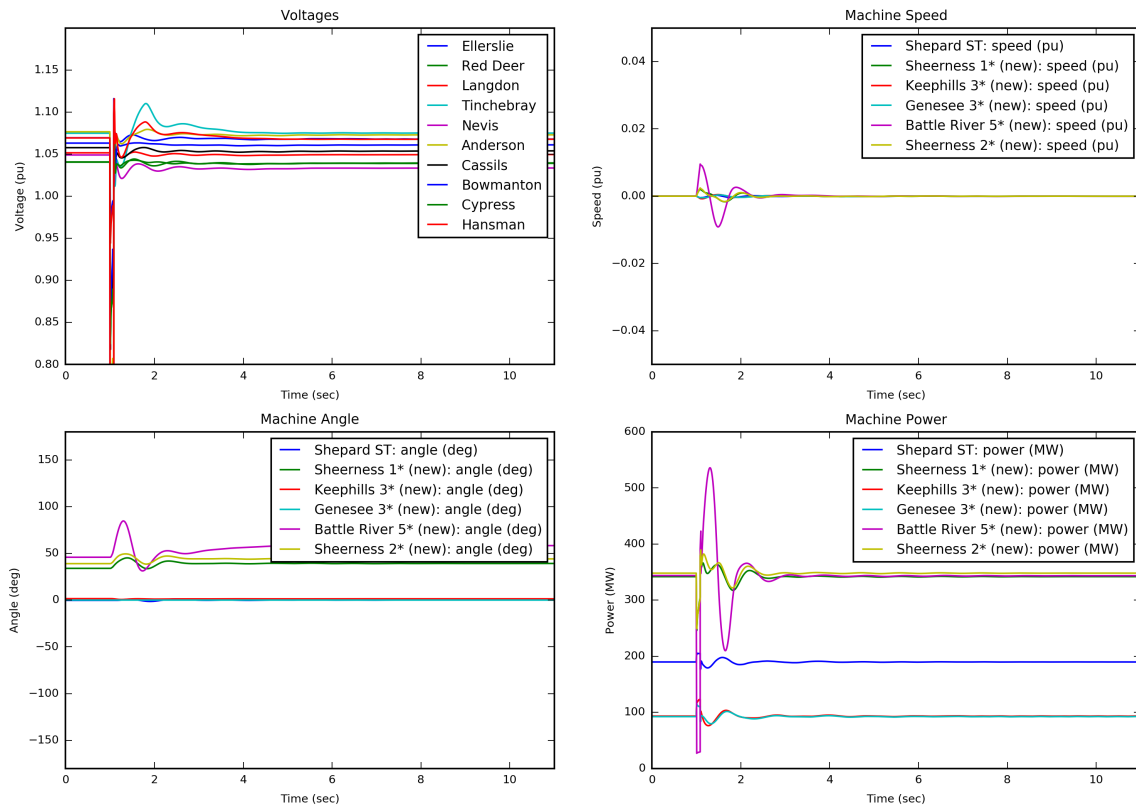
- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Cordel - Nevis) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Cordel - Nevis)
- T = 1.1010 s: Fault is cleared



**Figure 98**



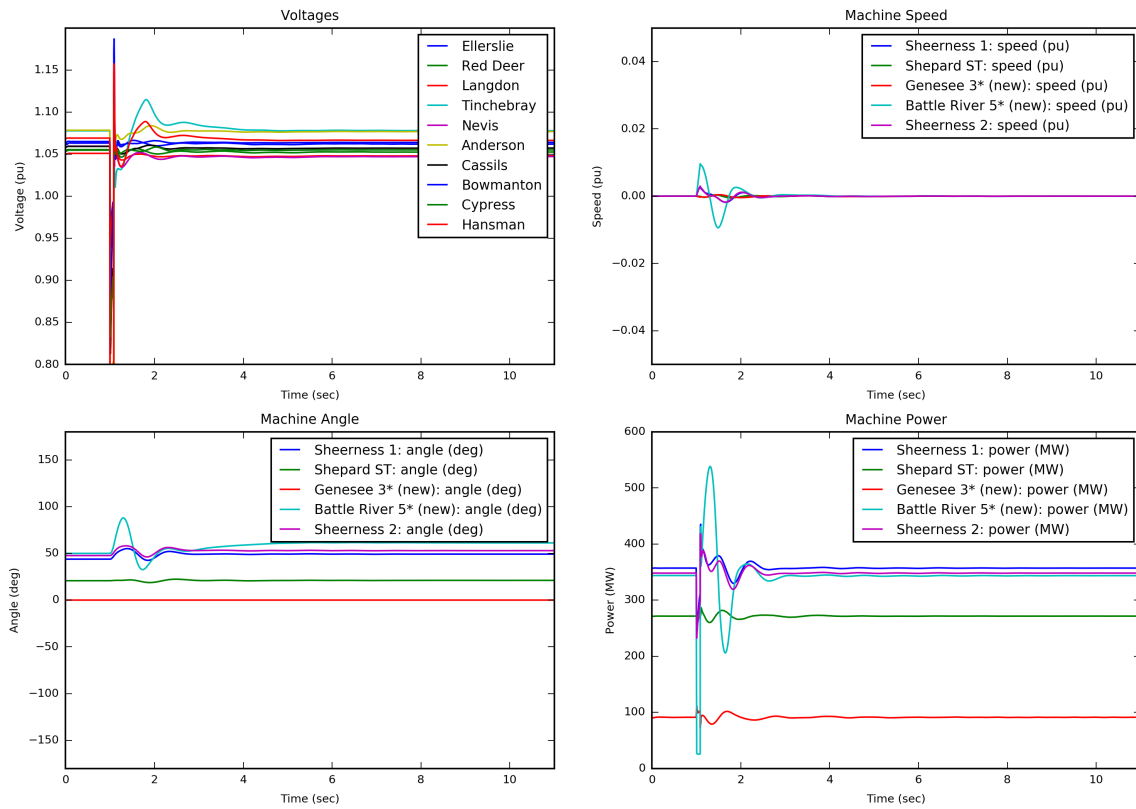
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Cordel - Nevis) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Cordel - Nevis)
- T = 1.1010 s: Fault is cleared

**Figure 99**



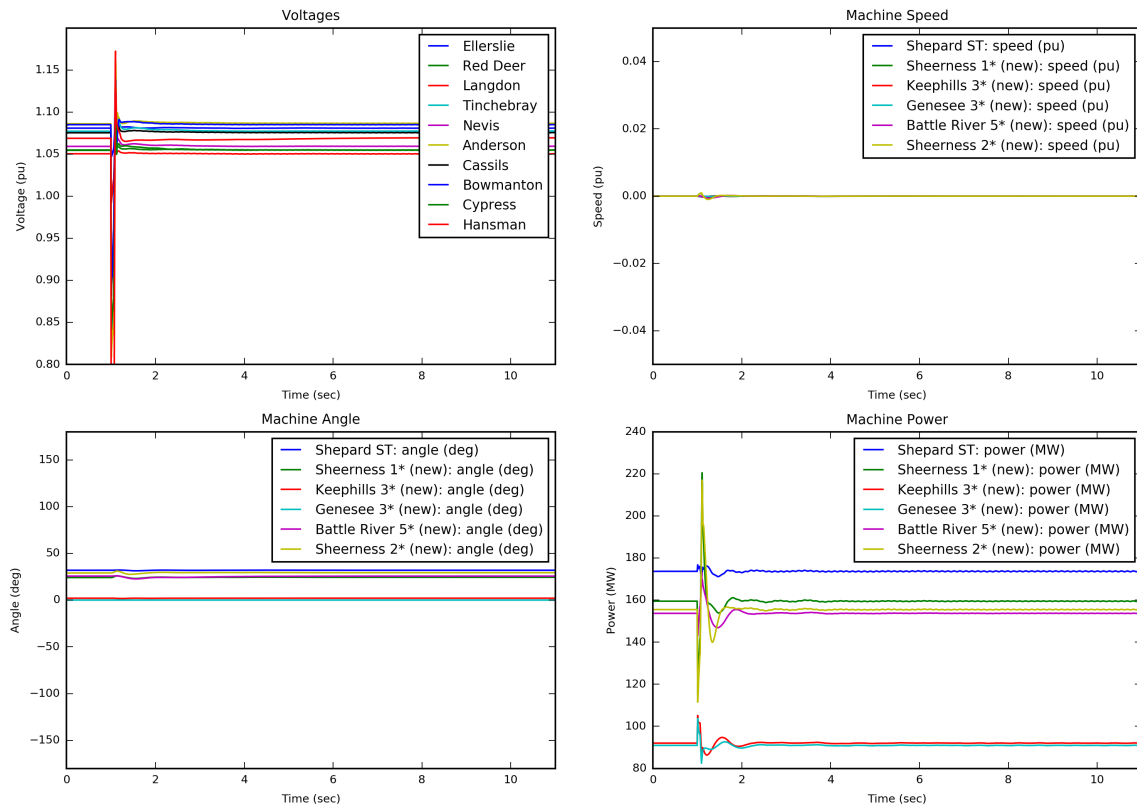
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L20 (Cordel - Nevis) near Cordel
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L20 (Cordel - Nevis)
- T = 1.1010 s: Fault is cleared

**Figure 100**



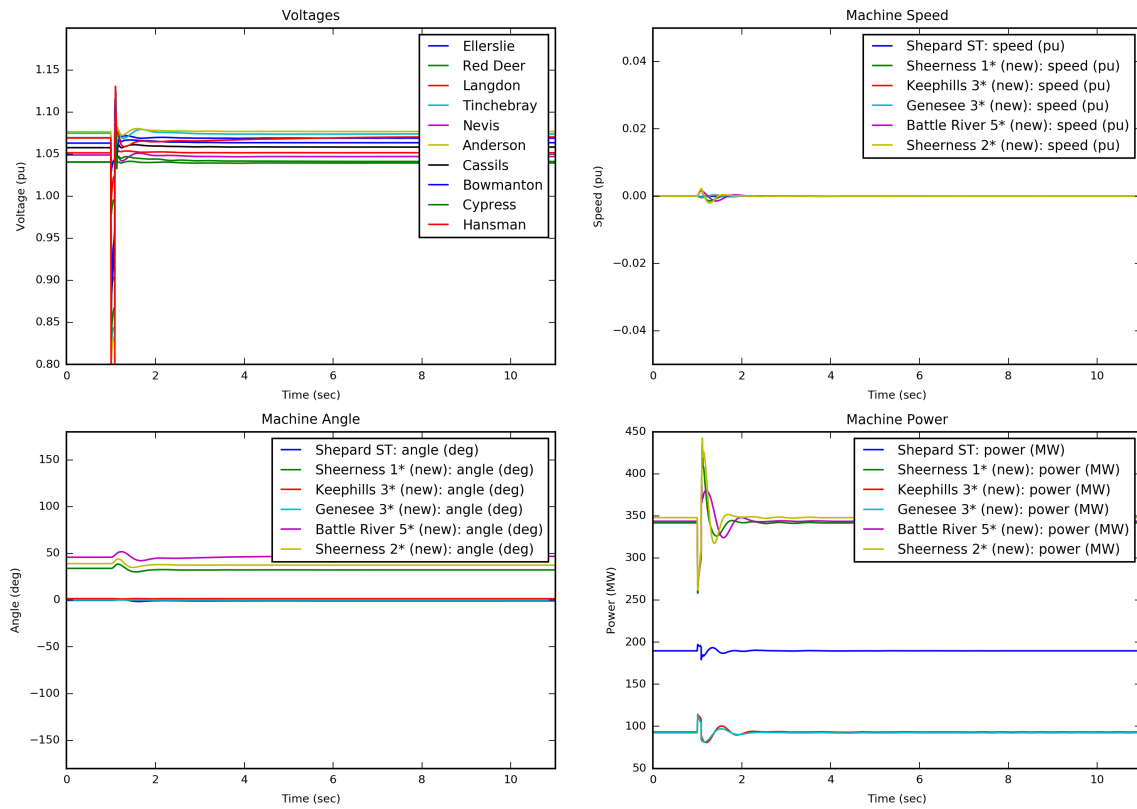
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (New Brigden - Lanfine) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (New Brigden - Lanfine)
- T = 1.1010 s: Fault is cleared

**Figure 101**



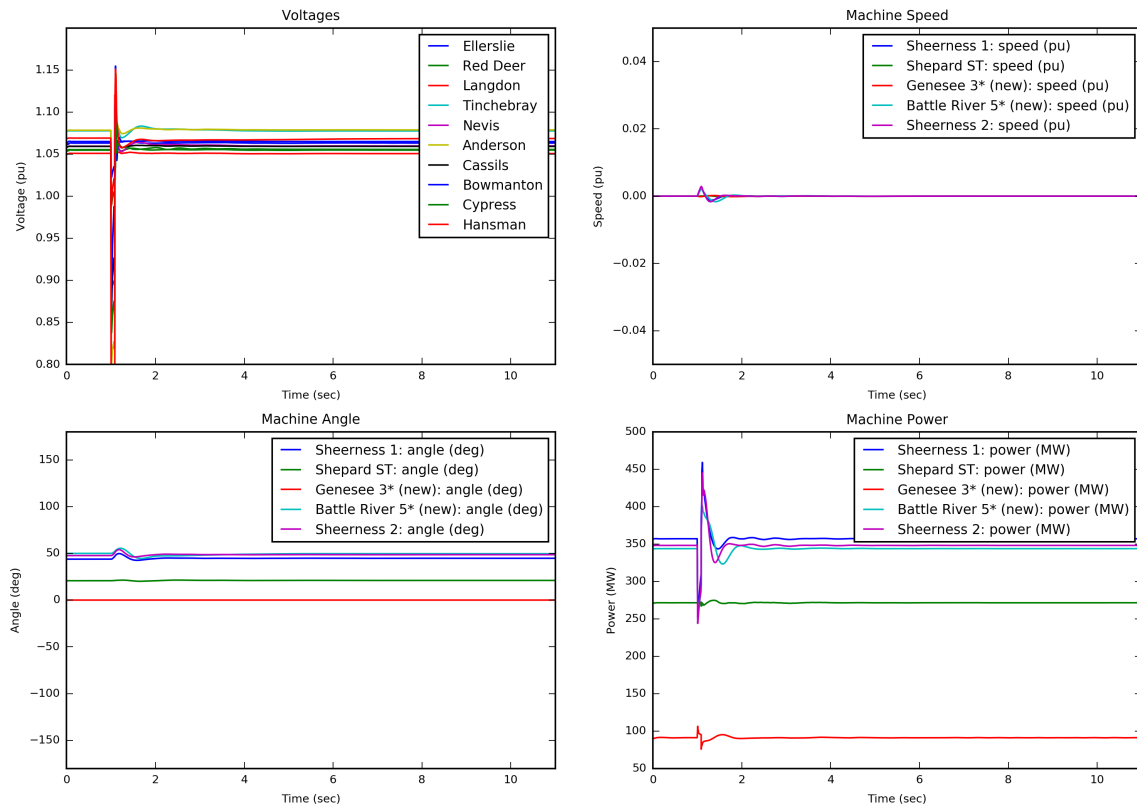
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (New Brigden - Lanfine) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (New Brigden - Lanfine)
- T = 1.1010 s: Fault is cleared

**Figure 102**



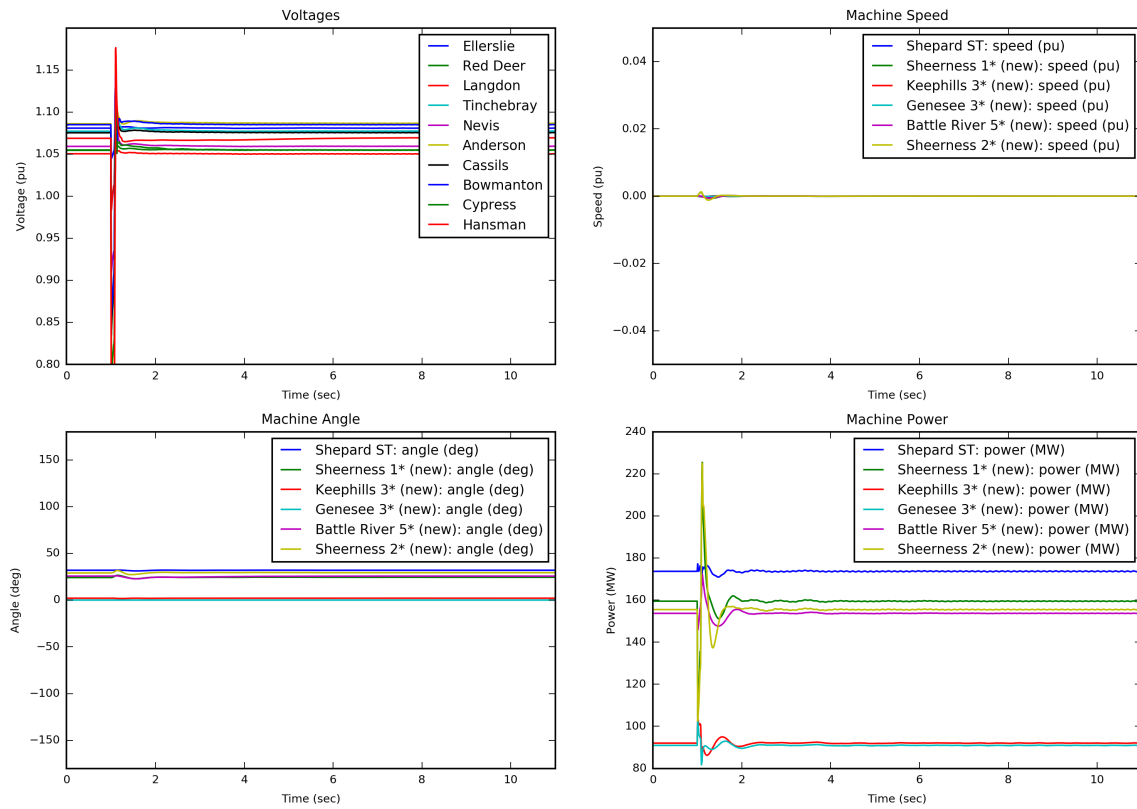
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (New Brigden - Lanfine) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (New Brigden - Lanfine)
- T = 1.1010 s: Fault is cleared

**Figure 103**



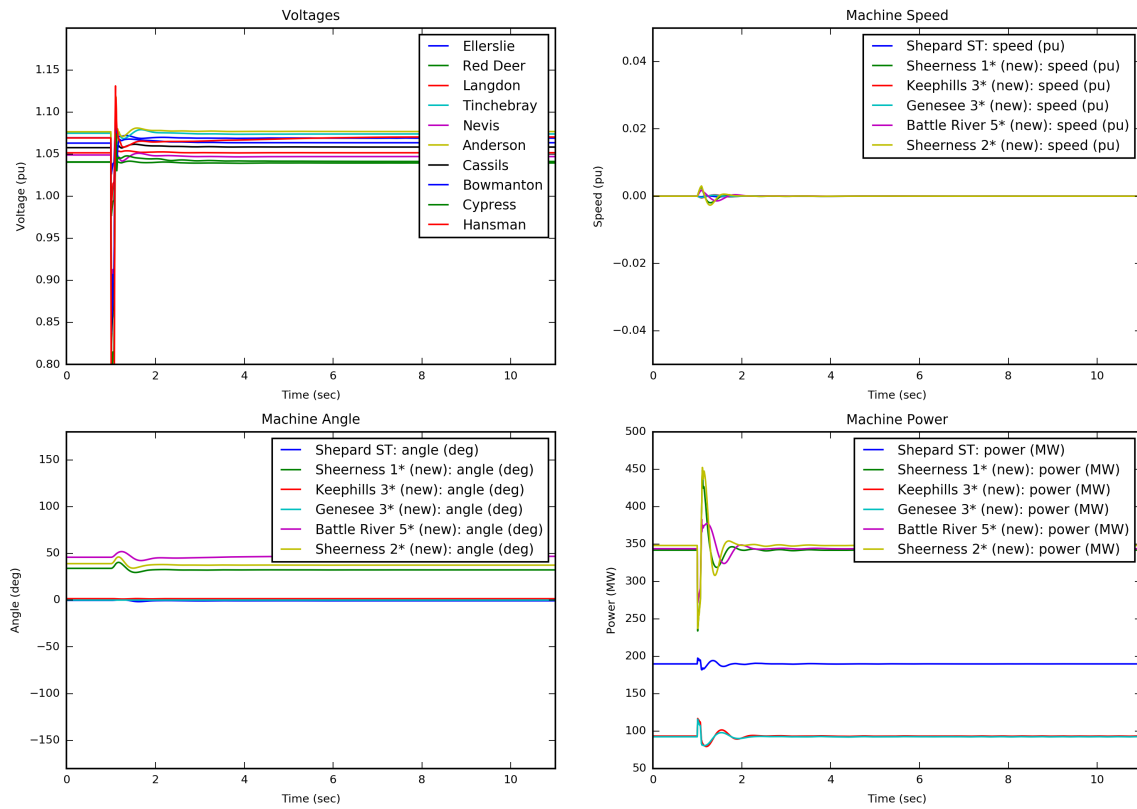
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (Lanfine - New Bridgen) near Lanfine
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (Lanfine - New Bridgen)
- T = 1.1010 s: Fault is cleared

**Figure 104**



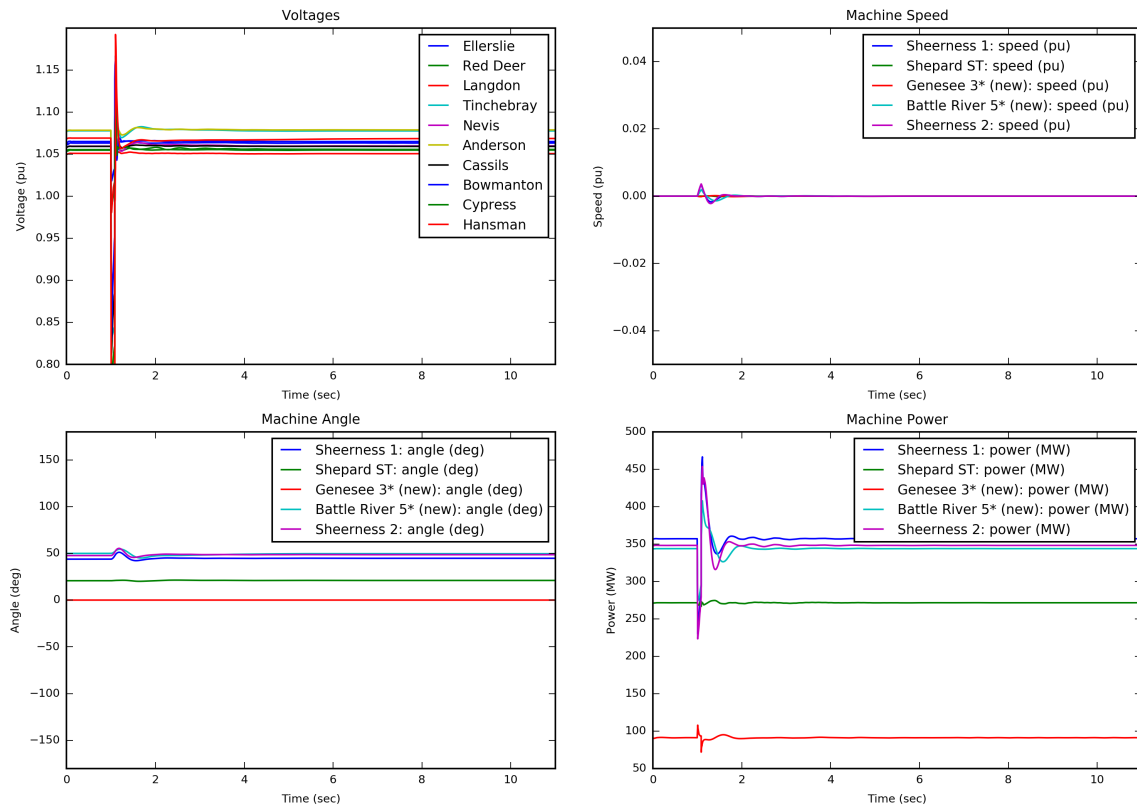
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (Lanfine - New Bridgen) near Lanfine
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (Lanfine - New Bridgen)
- T = 1.1010 s: Fault is cleared

**Figure 105**



**Case Description**

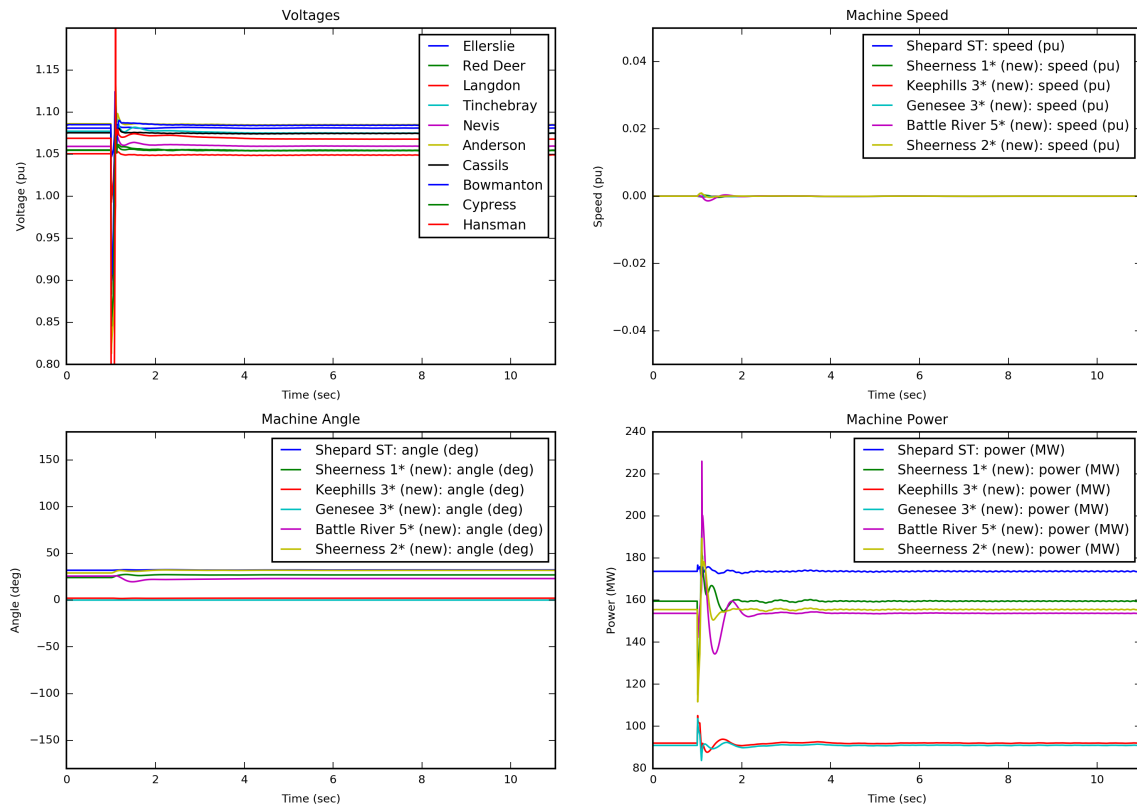
— Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L46 (Lanfine - New Bridgen) near Lanfine
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L46 (Lanfine - New Bridgen)
- T = 1.1010 s: Fault is cleared



**Figure 106**



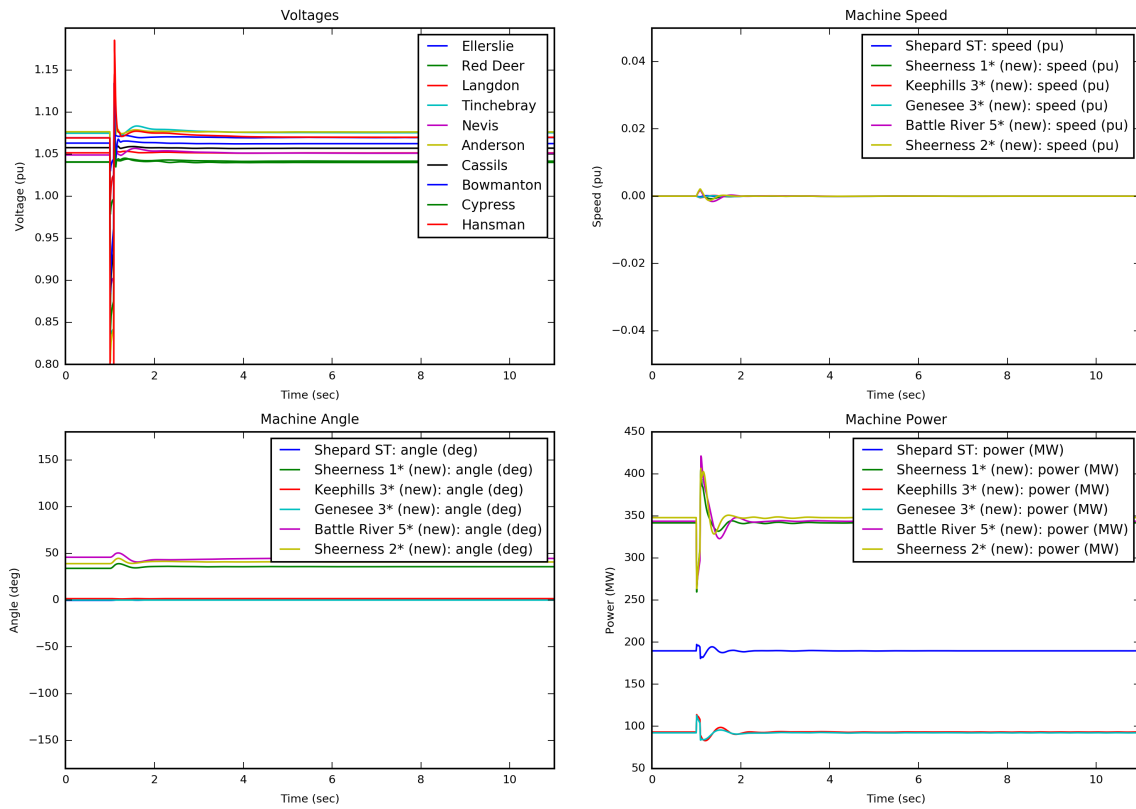
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (New Brigden - Pemukan) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (New Brigden - Pemukan)
- T = 1.1010 s: Fault is cleared

**Figure 107**



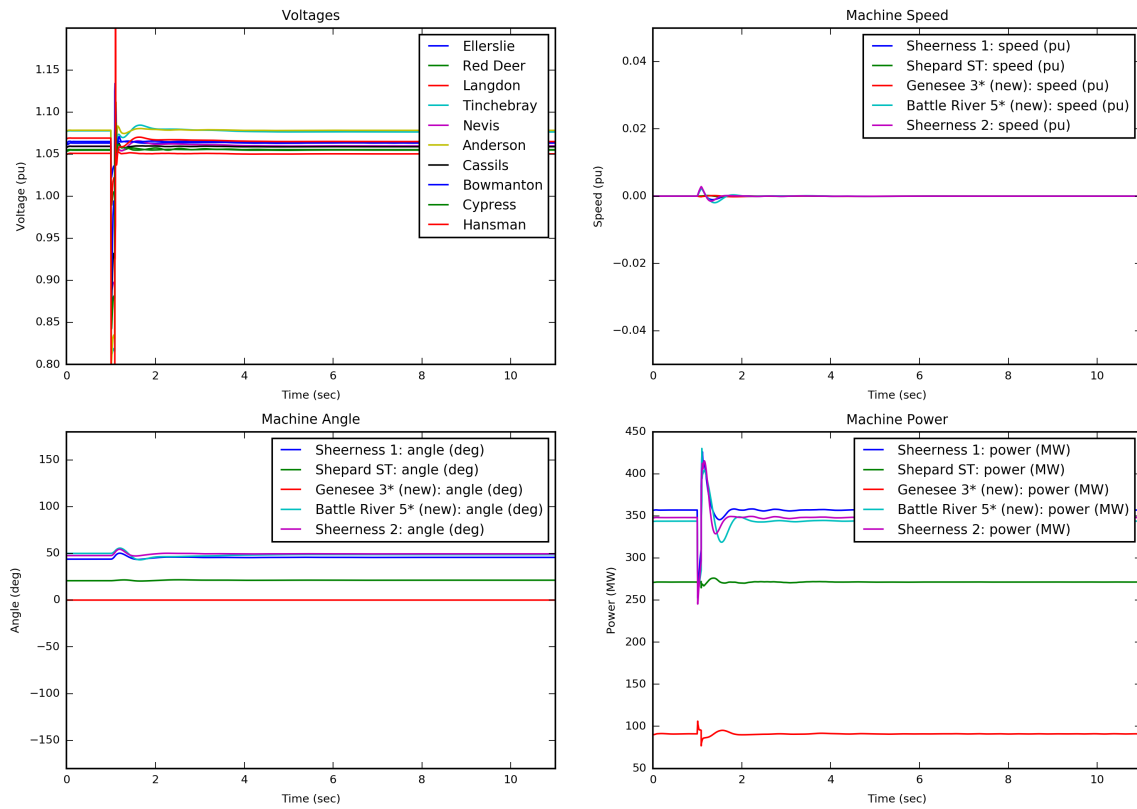
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (New Brigden - Pemukan) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (New Brigden - Pemukan)
- T = 1.1010 s: Fault is cleared

**Figure 108**



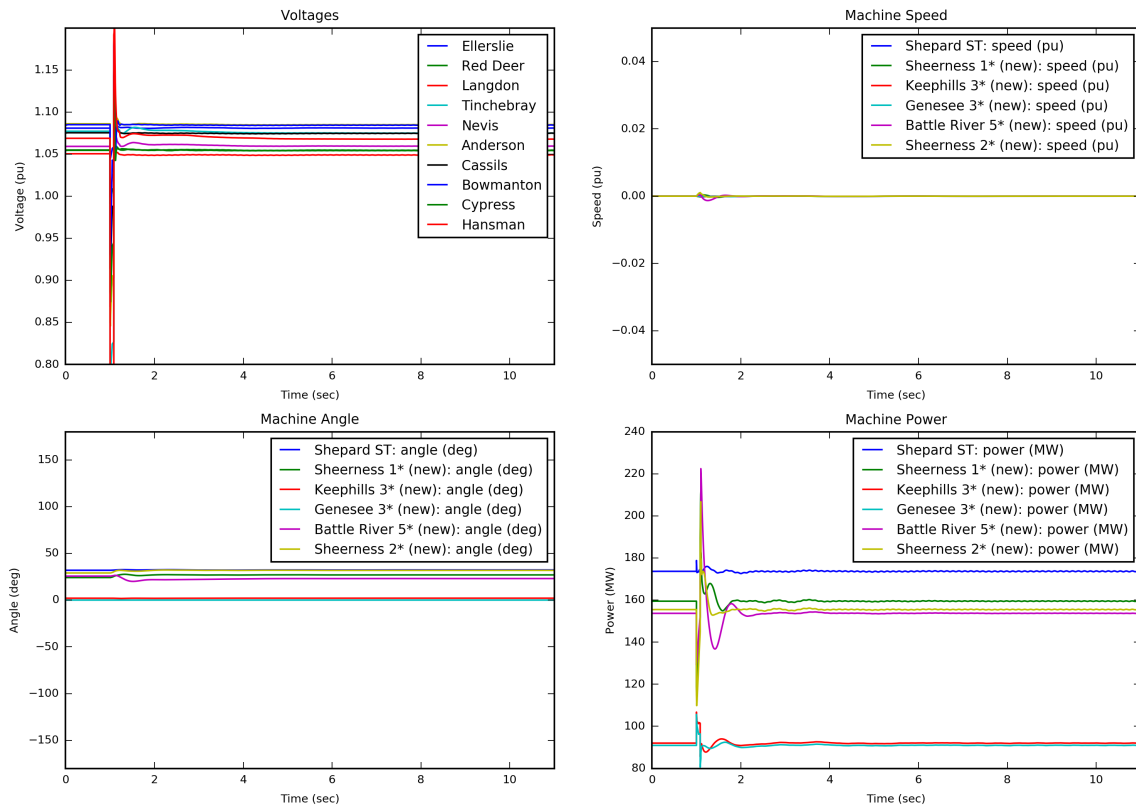
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (New Brigden - Pemukan) near New Brigden
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (New Brigden - Pemukan)
- T = 1.1010 s: Fault is cleared

**Figure 109**



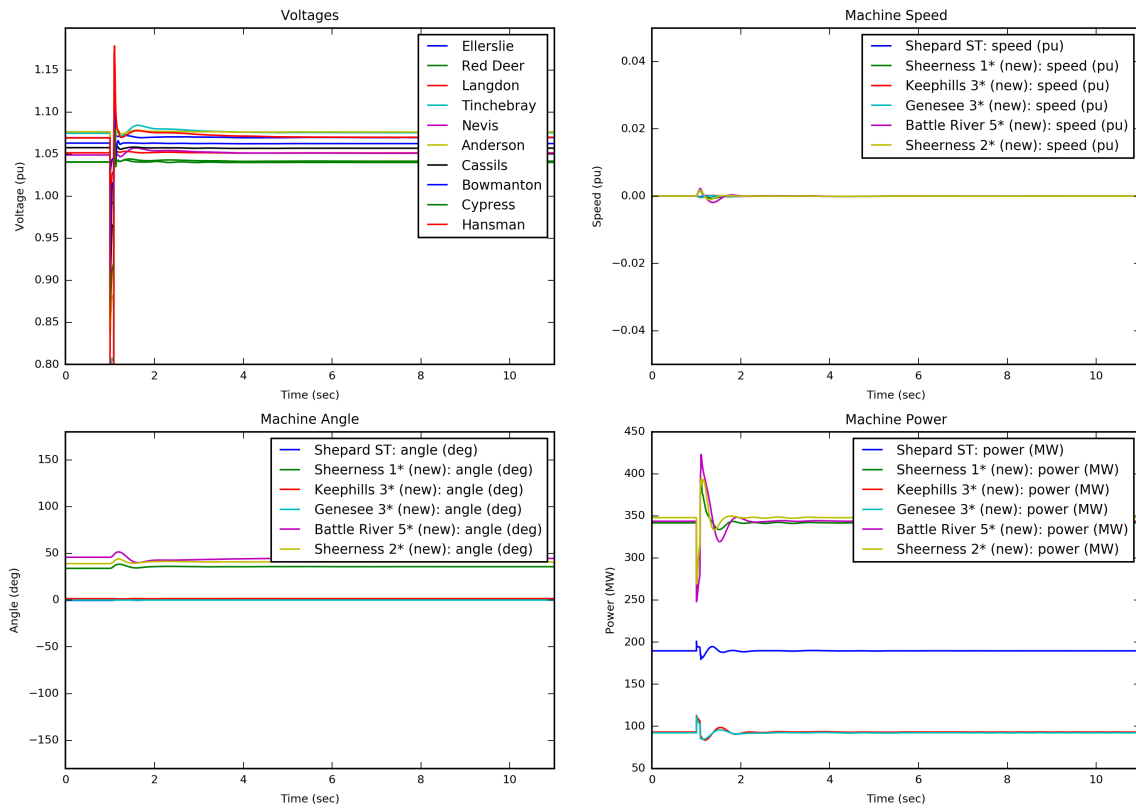
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (Pemukan - New Bridgen) near Pemukan
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (Pemukan - New Bridgen)
- T = 1.1010 s: Fault is cleared

**Figure 110**



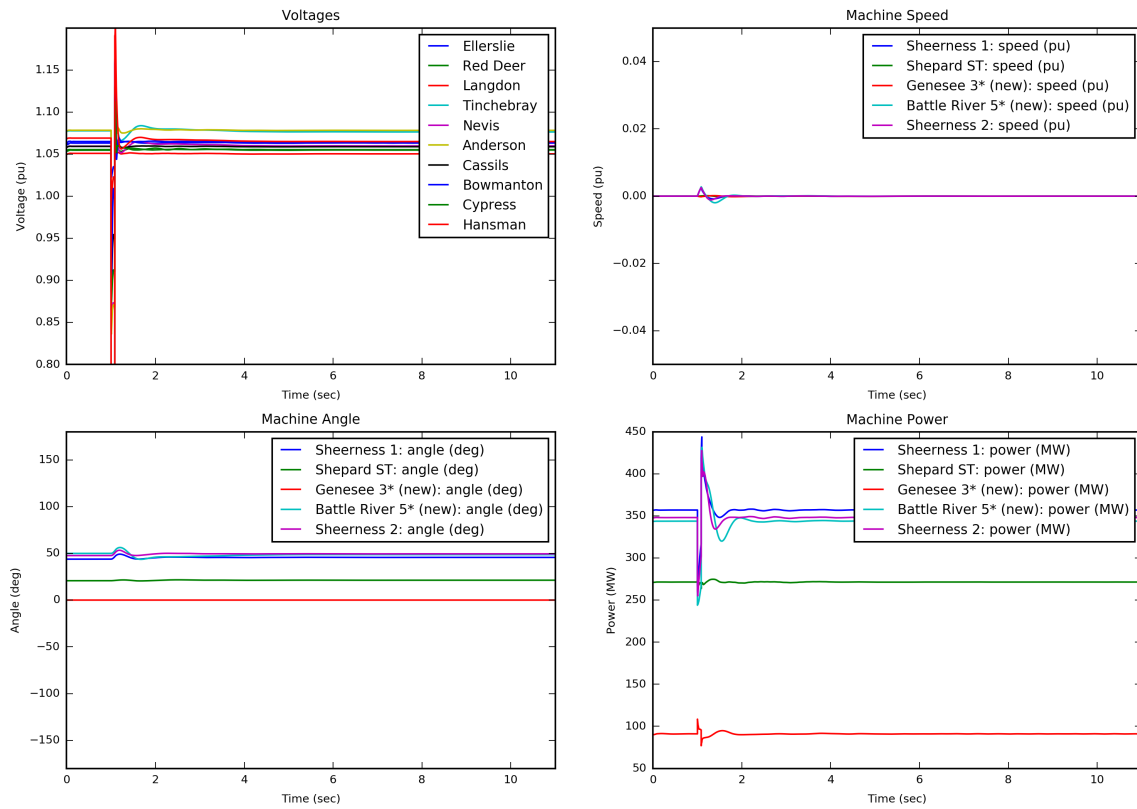
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (Pemukan - New Bridgen) near Pemukan
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (Pemukan - New Bridgen)
- T = 1.1010 s: Fault is cleared

**Figure 111**



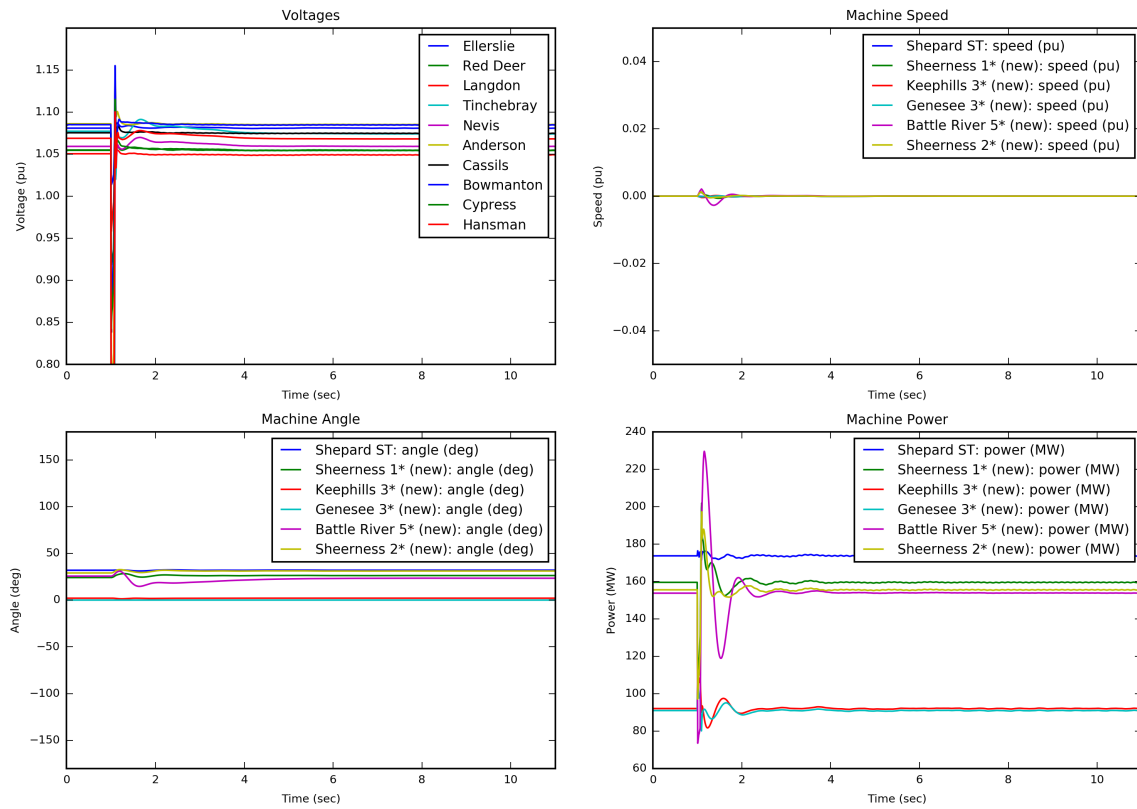
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L51 (Pemukan - New Bridgen) near Pemukan
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L51 (Pemukan - New Bridgen)
- T = 1.1010 s: Fault is cleared

**Figure 112**



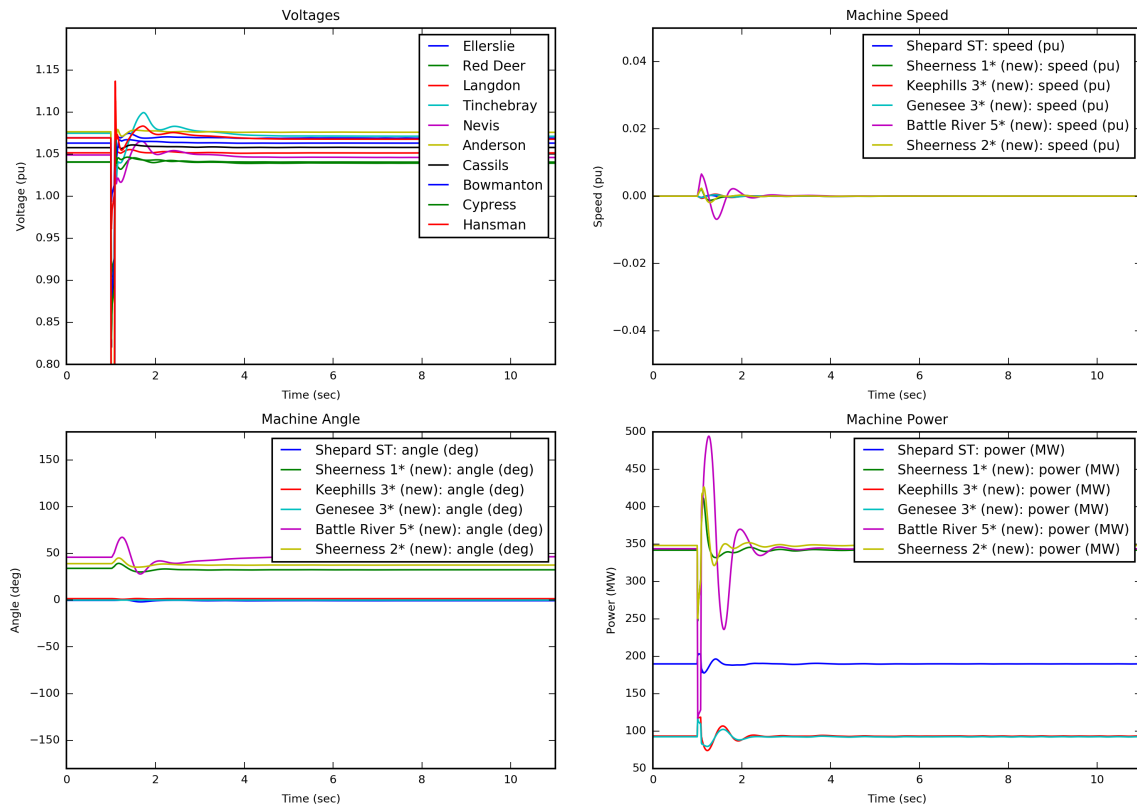
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Tinchebray - Anderson) near Tinchebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Tinchebray - Anderson)
- T = 1.1010 s: Fault is cleared

**Figure 113**



**Case Description**

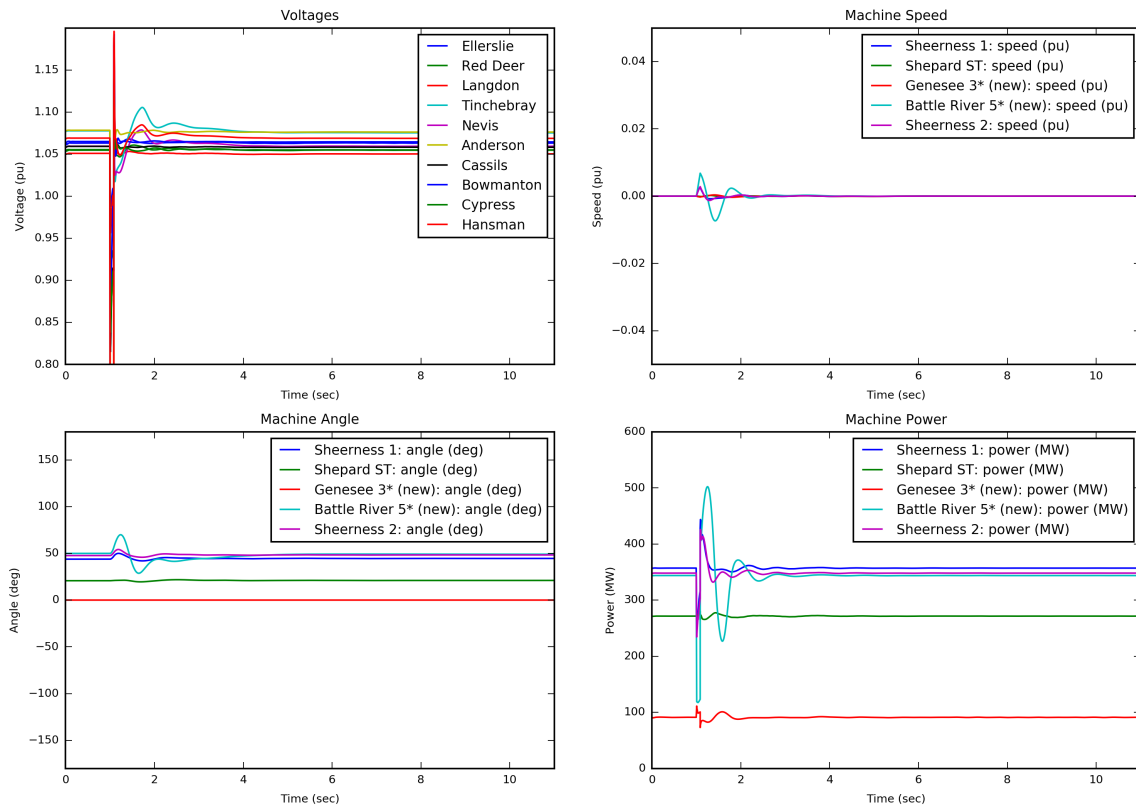
- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Tinchebray - Anderson) near Tinchebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Tinchebray - Anderson)
- T = 1.1010 s: Fault is cleared



**Figure 114**



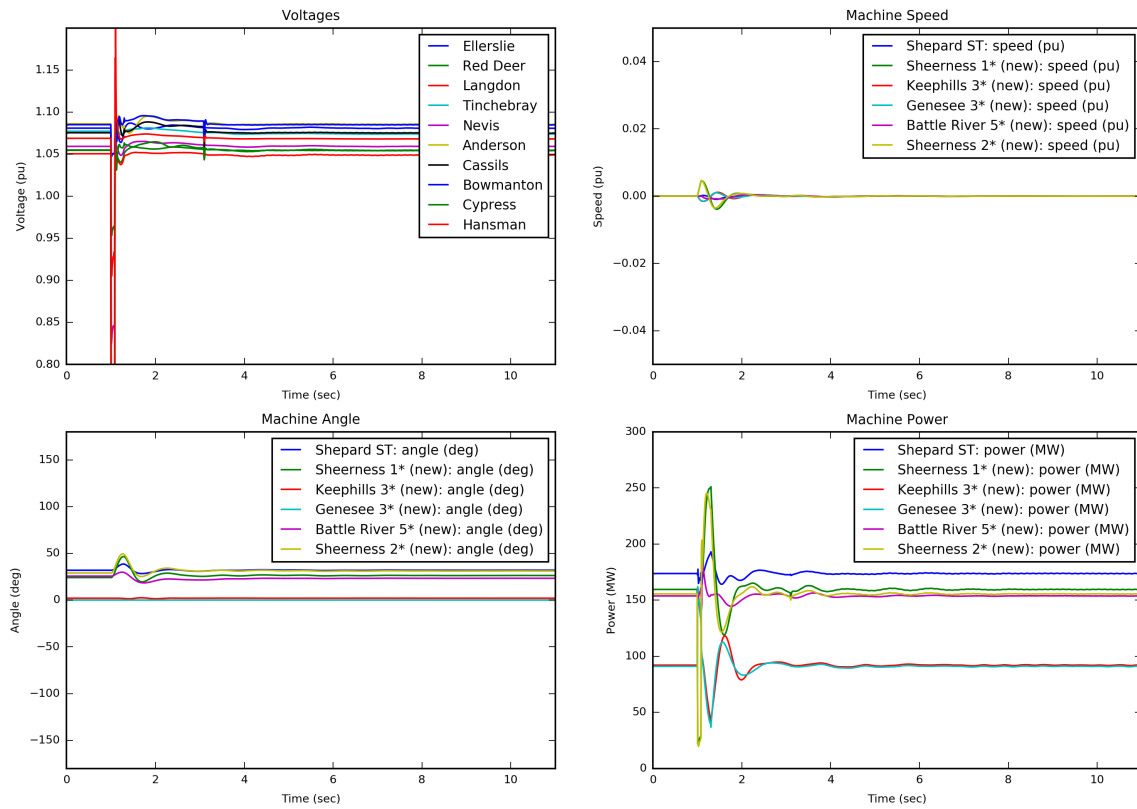
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Tinchebray - Anderson) near Tinchebray
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Tinchebray - Anderson)
- T = 1.1010 s: Fault is cleared

**Figure 115**



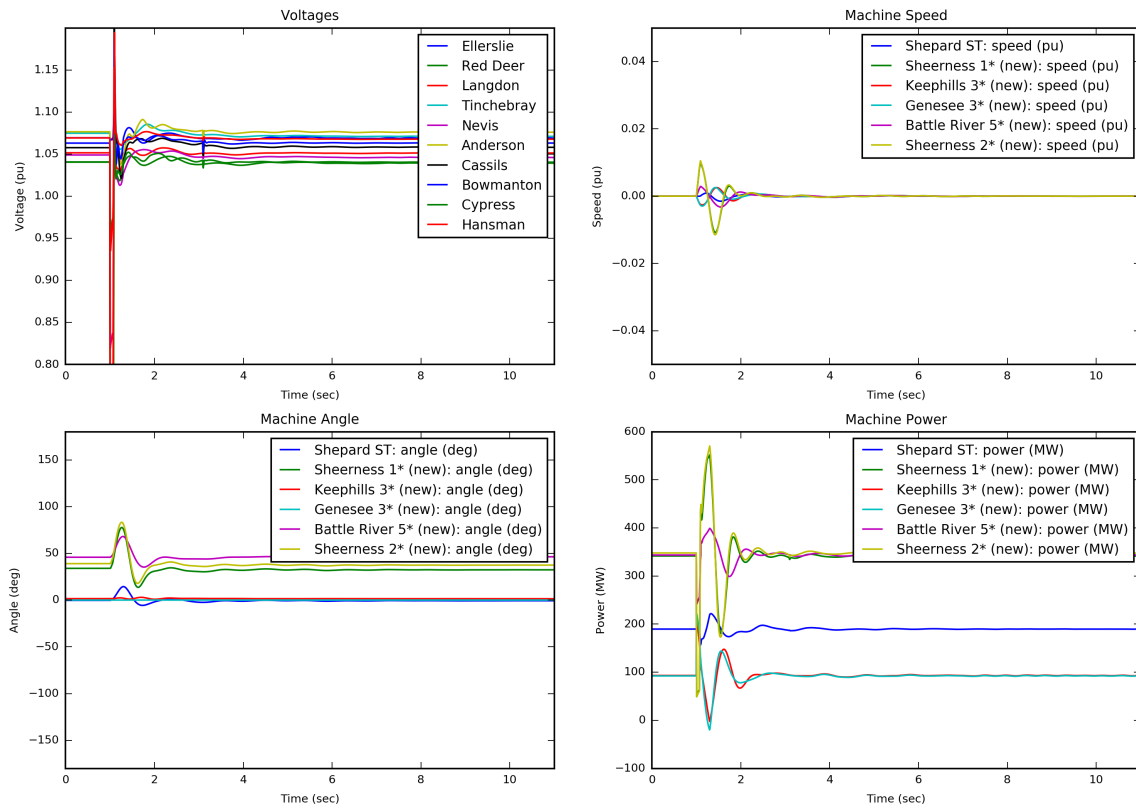
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Anderson - Tinchebray) near Anderson
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Anderson - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 116**



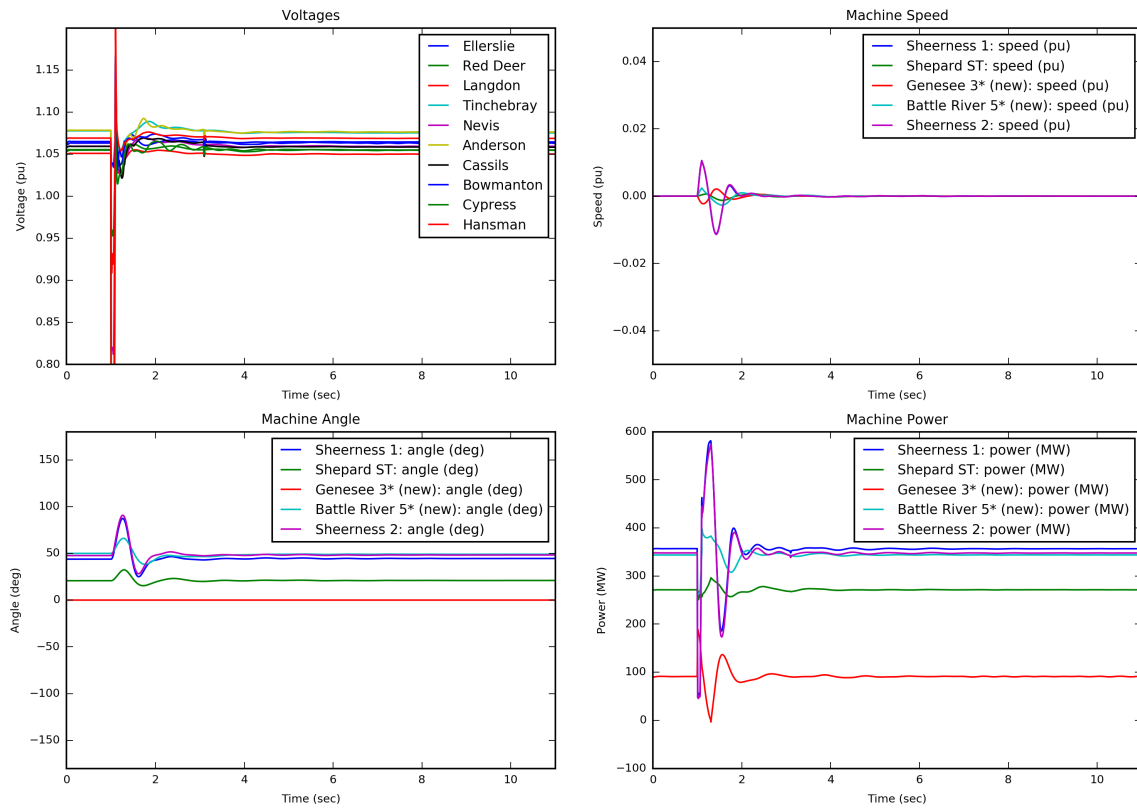
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Anderson - Tinchebray) near Anderson
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Anderson - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 117**



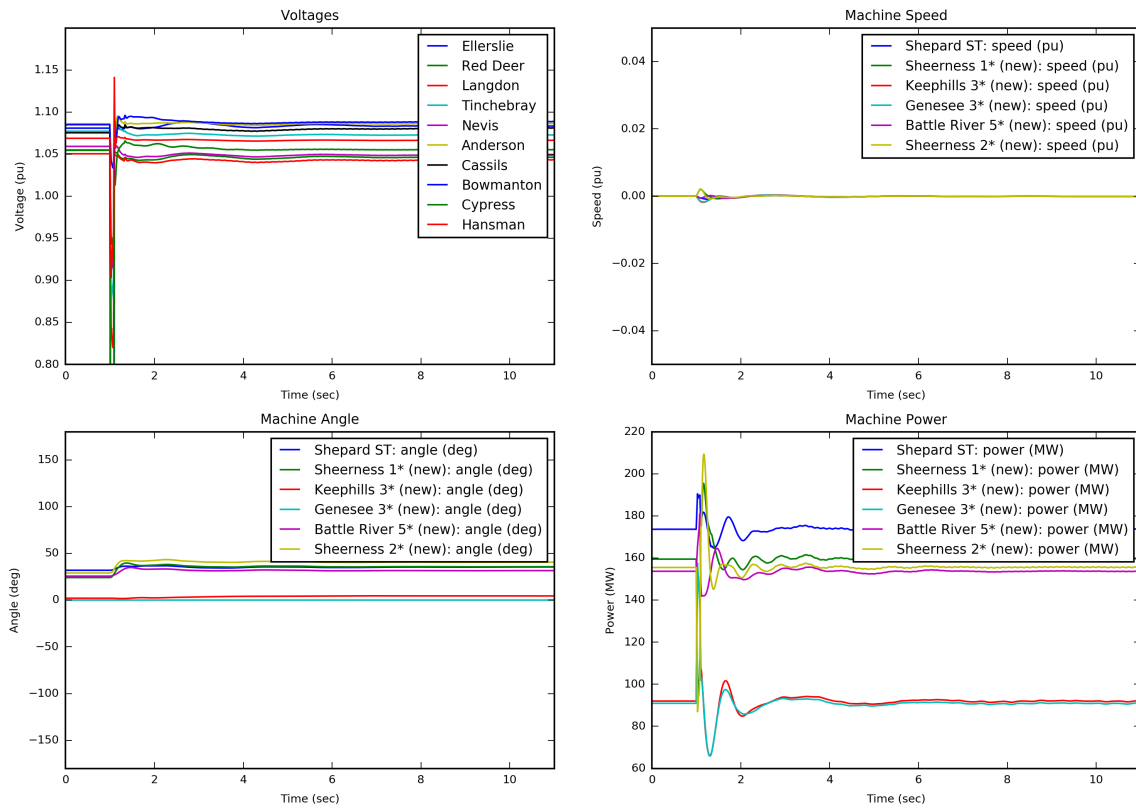
**Case Description**

— Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault on 9L59 (Anderson - Tinchebray) near Anderson
- T = 1.0860 s: Opened near end breaker
- T = 1.1010 s: Tripped 9L59 (Anderson - Tinchebray)
- T = 1.1010 s: Fault is cleared

**Figure 118**



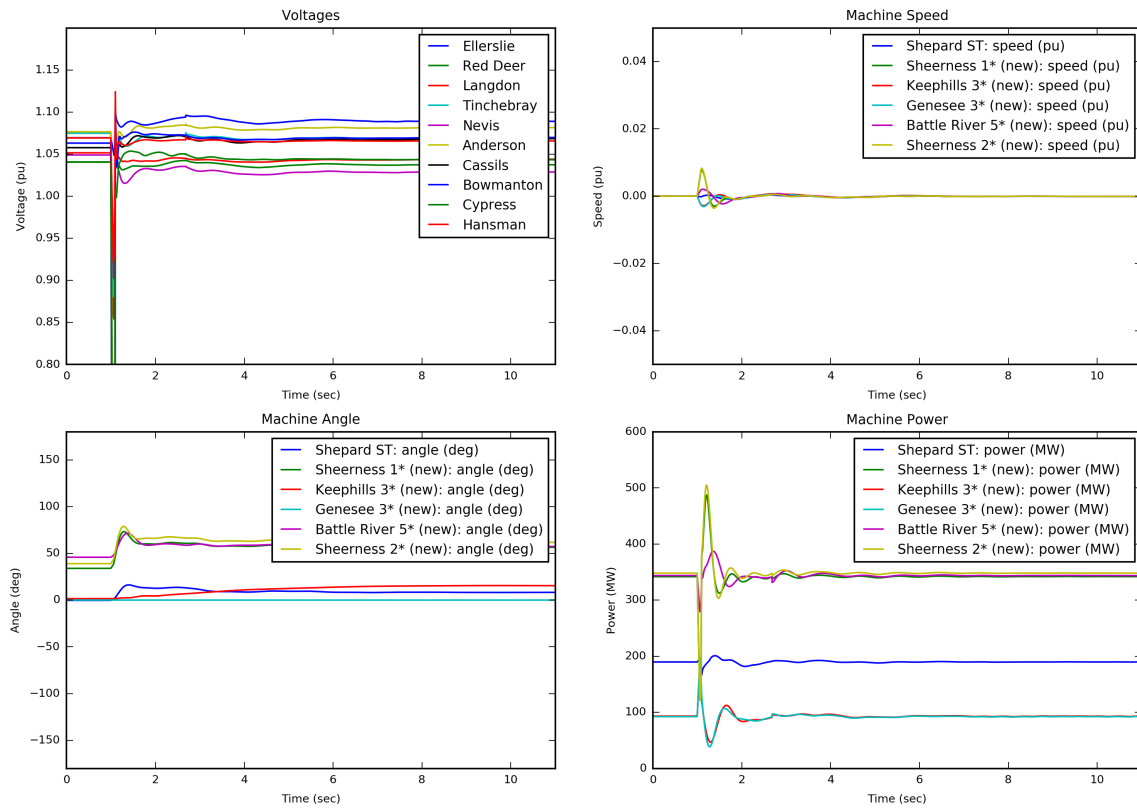
**Case Description**

- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Newell
- T = 1.0860 s: Blocked EATL

**Figure 119**



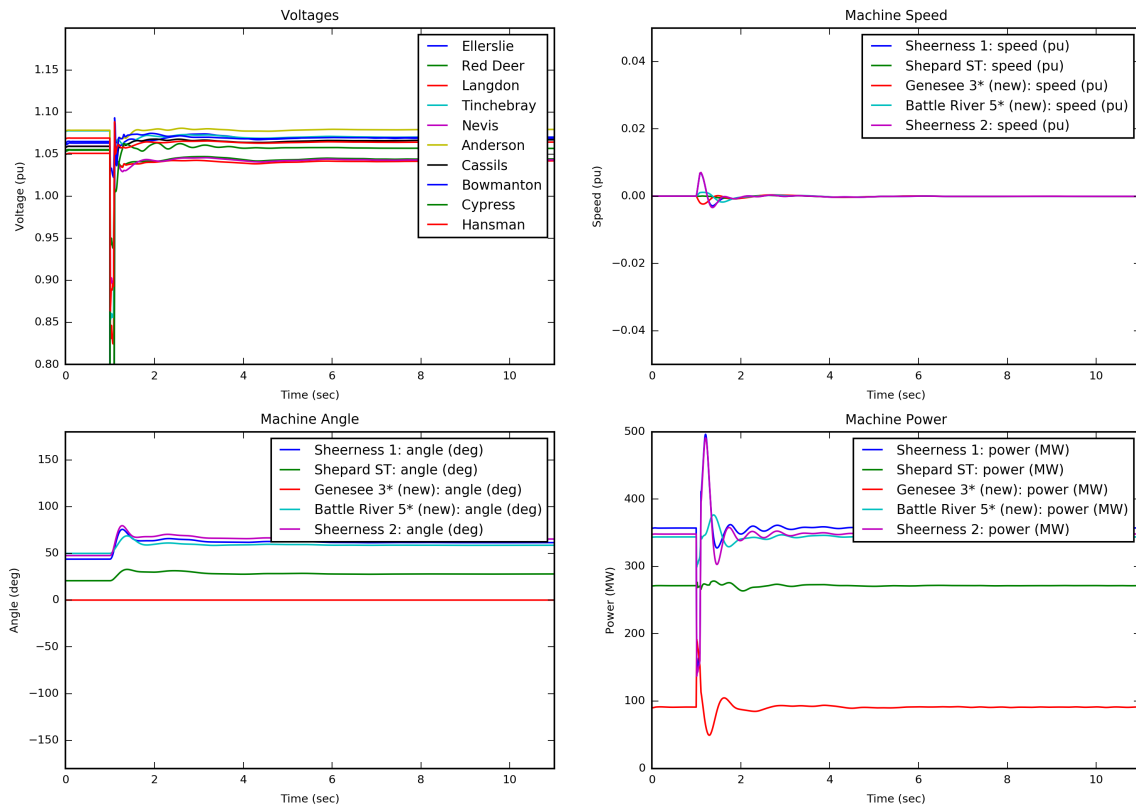
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Newell
- T = 1.0860 s: Blocked EATL
- T = 2.6820 s: 174L thermal RAS activated
- T = 2.6820 s: Tripped 174L

**Figure 120**



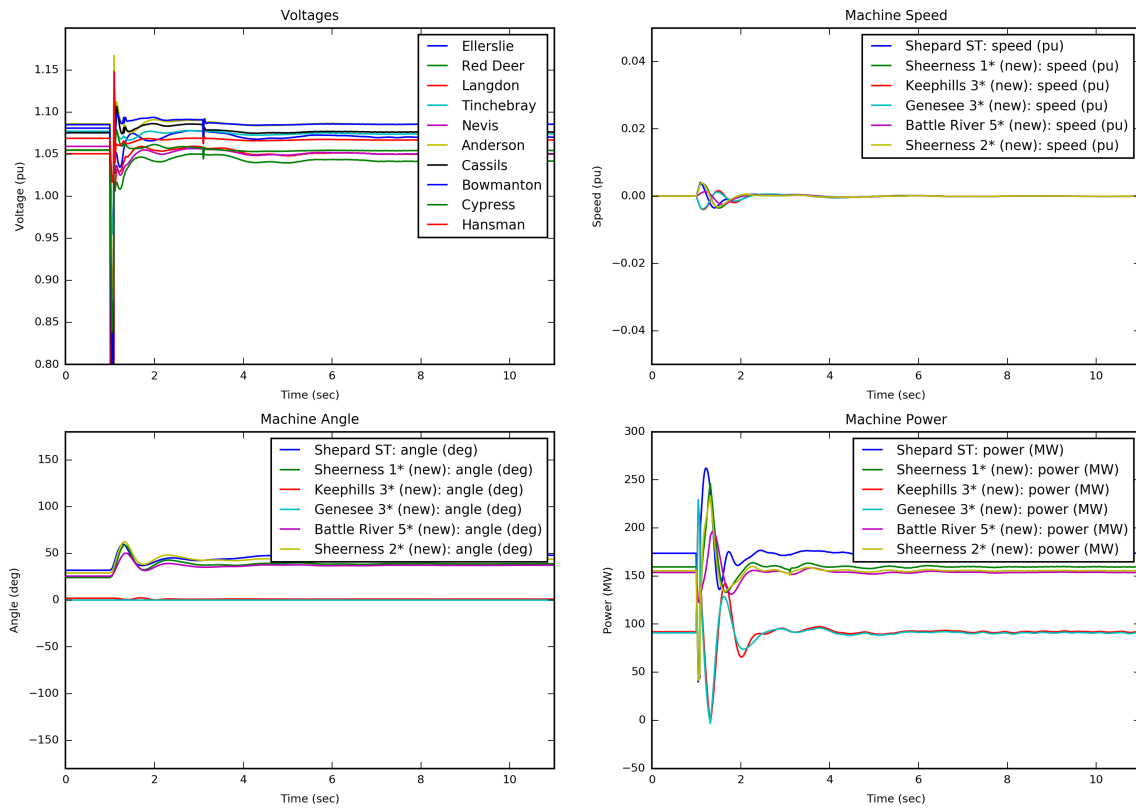
**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Newell
- T = 1.0860 s: Blocked EATL

**Figure 121**



**Case Description**

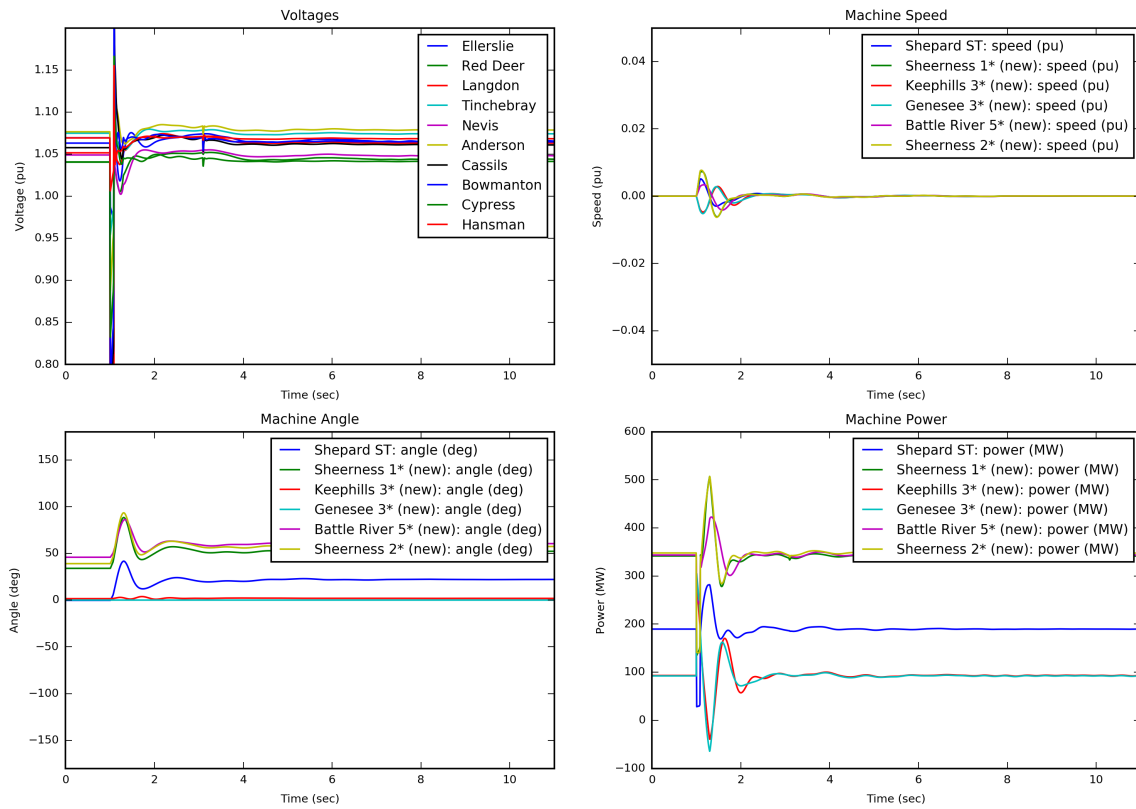
- Study case: 2031 H9; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Crossings
- T = 1.0860 s: Blocked WATL



**Figure 122**



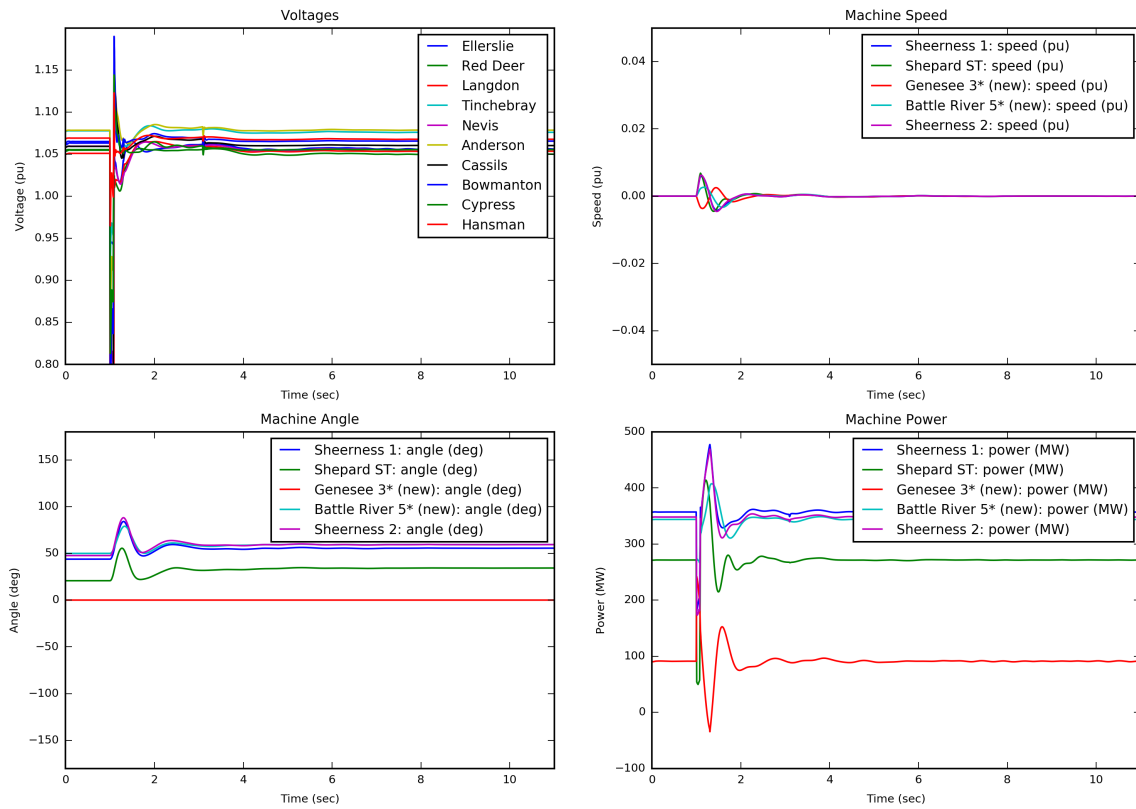
**Case Description**

- Study case: 2031 H11; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Crossings
- T = 1.0860 s: Blocked WATL

**Figure 123**



**Case Description**

- Study case: 2031 H10; Pre Project (No CRPC)

**Event Description**

- T = 1.0020 s: Applied 3-ph fault at Crossings
- T = 1.0860 s: Blocked WATL