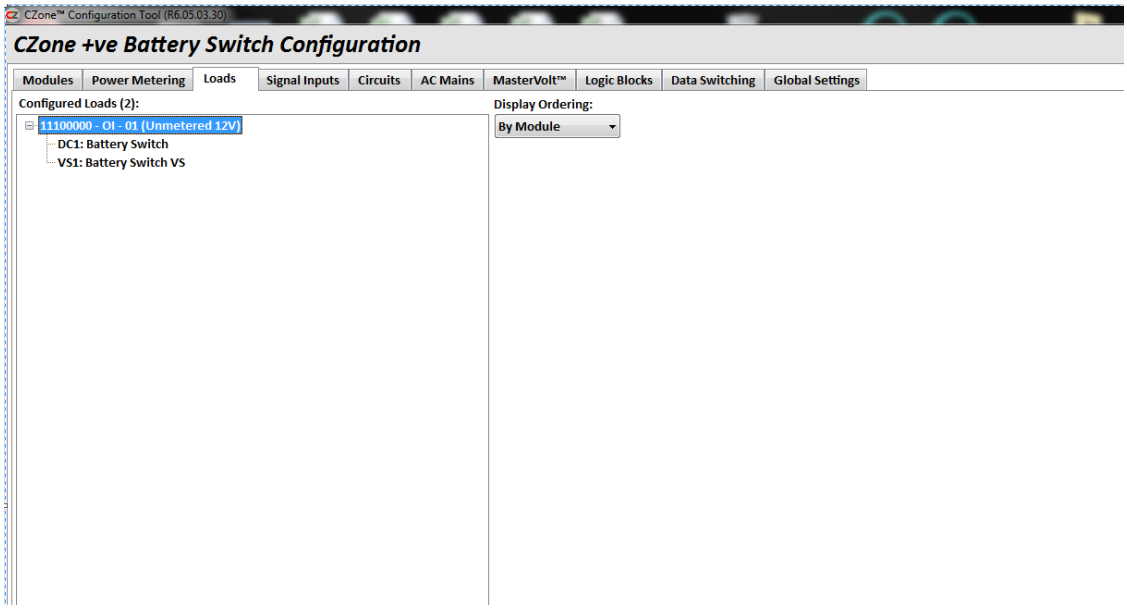
CZone Setup For The 701-MDCZ Motorized Battery Switch, With Virtual Load To Provide Circuit Status

***Note:** These instructions are for a system where the 701-MDCZ switch/switches are only controlled through CZone i.e. there are no mechanical switches/devices also controlling the 701-MDCZ.*

If there are also mechanical switches/devices connected in addition to the CZone connection, the Battery Switch Virtual Signal feedback will not show the battery switch status correctly, and instead a sensing connection from the battery switch loads should be wired to a CZone Signal Interface if switch status is to be monitored. Alternatively if any CZone modules are switched On/Off by the 701-MDCZ switch, switch status can be derived from a Virtual Load which turns on whenever the module is powered.

LOAD SETUP (FOR THE OUTPUT INTERFACE):

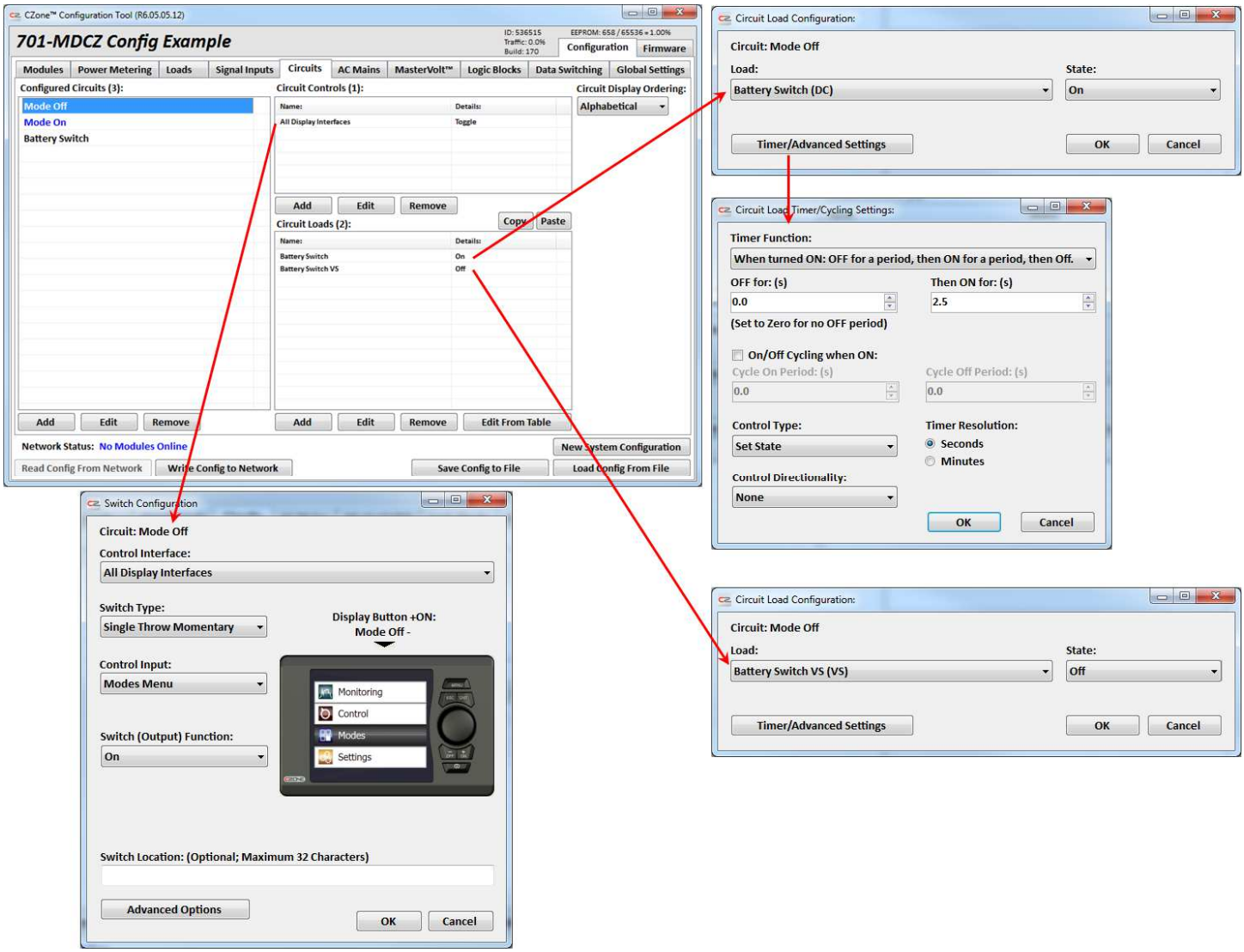
- Add a Battery Switch
- Add a Battery Switch VS (Virtual Signal)



CIRCUIT SETUP MODES:

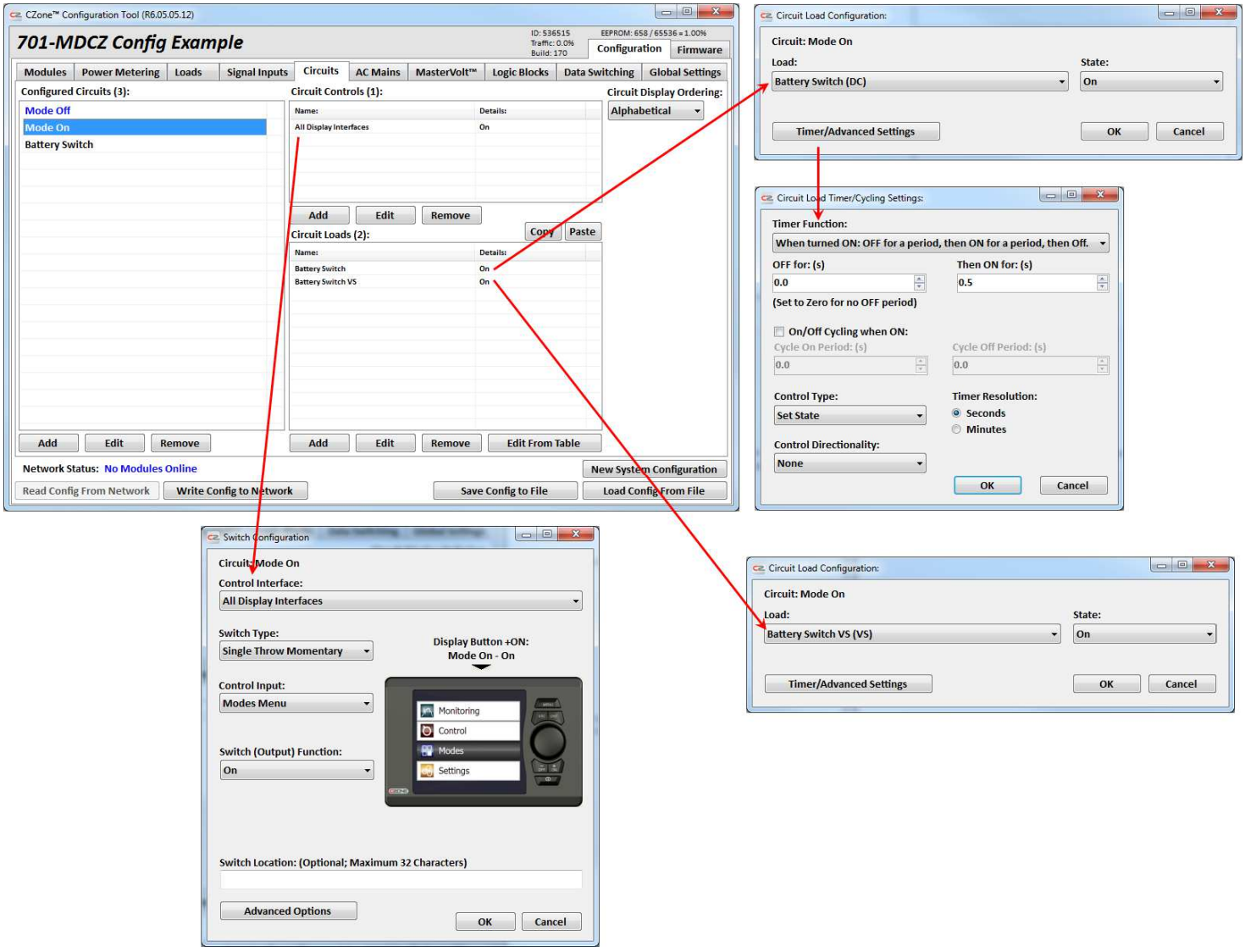
To Turn the Battery Switch OFF in a Mode with feedback to Display;

- Setup Mode Name as required
- Setup 'Circuit Control' Switch (Recommended; Single Throw Momentary, On)
- Setup 'Circuit Load' –
  - Add "Battery Switch DC" load
  - Configure 'State' of Battery Switch Load to; ON
  - Set Timer for Battery Switch Circuit – "When ON; OFF; ON (See Image below)"
    - 'Off' = 0.0 Secs
    - 'On' = 2.5 Secs
  - Add "Battery Switch VS" Load
  - Configure 'State' of "Battery Switch VS" Load to; OFF



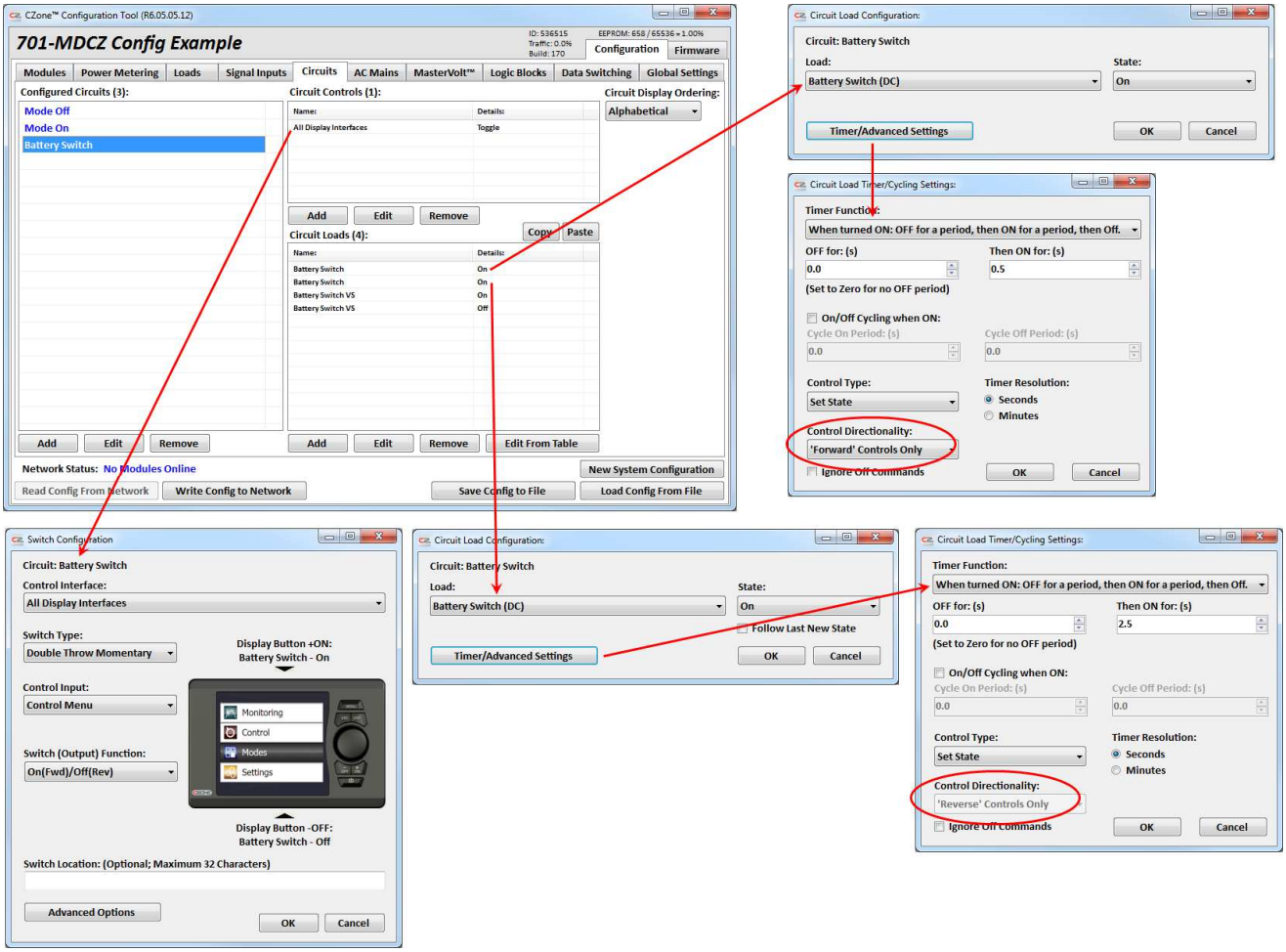
To Turn the Battery Switch ON in a Mode with feedback to Display;

- Setup Mode Name as required
- Setup 'Circuit Control' Switch (Recommended; Single Throw Momentary, On)
- Setup 'Circuit Load' –
  - Add "Battery Switch DC" load
  - Configure 'State' of Battery Switch Load to; ON
  - Set Timer for Battery Switch Circuit – "When ON; OFF; ON"
    - 'Off' = 0.0 Secs
    - 'On' = 0.5 Secs
  - Add "Battery Switch VS" Load
  - Configure 'State' of "Battery Switch VS" Load to; ON

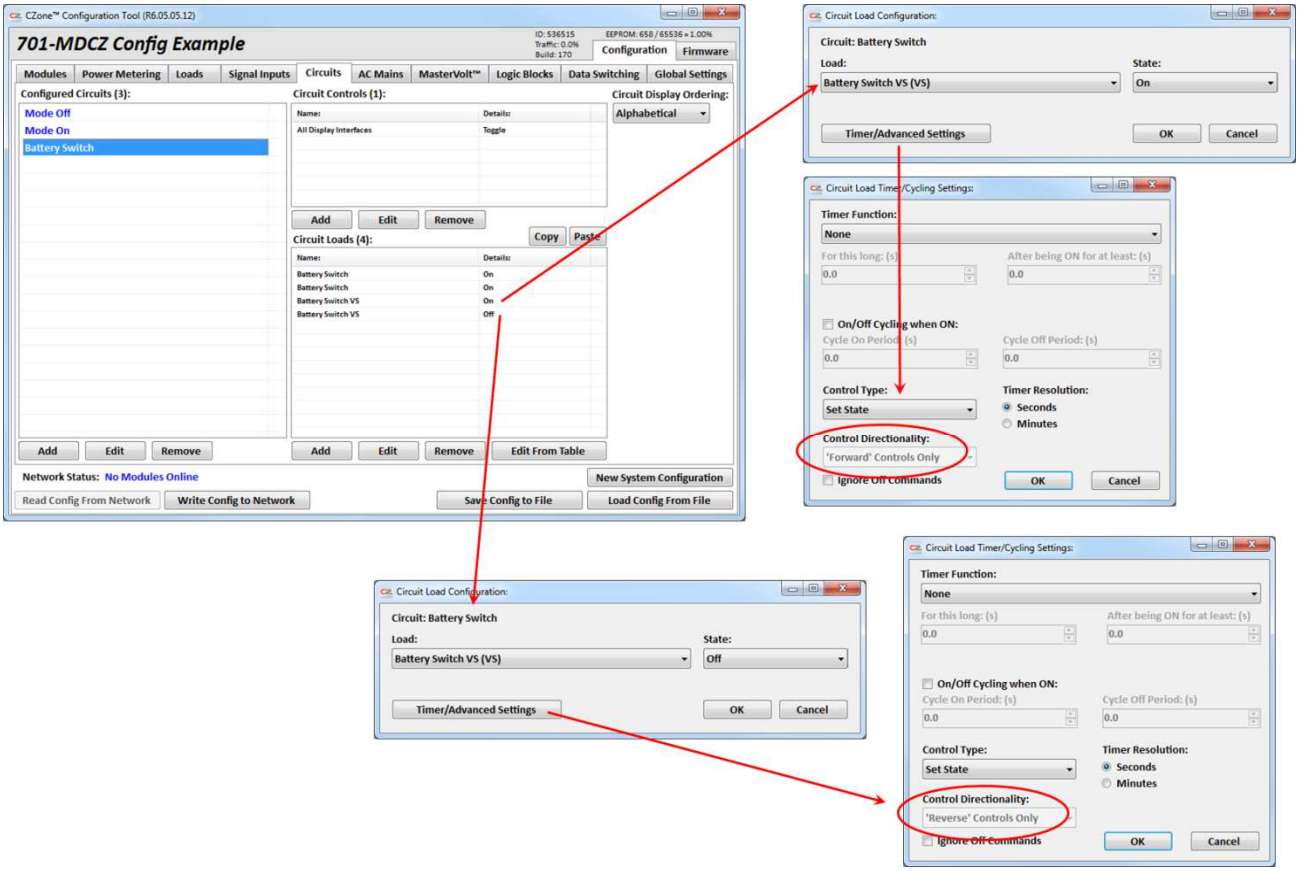


To Turn the Battery Switch ON/OFF in a Circuit with feedback to Display;

- Setup Circuit Name as required
- Setup 'Circuit Control' Switch to (Double Throw Momentary; ON(FWD)/OFF(REV))
- Setup 'Circuit Load' –
  - Add "Battery Switch DC" load
  - Configure 'State' of Battery Switch Load to; ON
  - Set Timer for Battery Switch Circuit – "When ON; OFF; ON"
    - 'Off' = 0.0 Secs
    - 'On' = 0.5 Secs
  - Set "Control Directionality" to 'Forward Controls Only'
    - Get here by double clicking the Circuit Load and selecting the Advanced Tab
    - This will display timer controls and Directionality controls.
    - See below image for clarification
  - Add second "Battery Switch DC" load
  - Configure 'State' of Battery Switch Load to; ON
  - Set Timer for Battery Switch Circuit – "When ON; OFF; ON"
    - 'Off' = 0.0 Secs
    - 'On' = 2.5 Secs
  - Set "Control Directionality" to 'Reverse Controls Only'
    - Get here by double clicking the Circuit Load and selecting the Advanced Tab
    - This will display timer controls and Directionality controls.
    - See below image for clarification



- Add “Battery Switch VS” Load
- Configure ‘State’ of “Battery Switch VS” Load to; ON
- Set “Control Directionality” to ‘<u>Forward Controls Only</u>’
    - Navigate here as above
- Add second “Battery Switch VS” Load
- Configure ‘State’ of “Battery Switch VS” Load to; OFF
- Set “Control Directionality” to ‘<u>Reverse Controls Only</u>’



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