entry / self.control.reference = \ self.battery_spec.bulk_ref_amps self.start_sec = self.sec self.cause = self.state_name self.post_fifo(Event(signal=signals.electrical_change)) To_Bulk / {}

Tick as e /
if e.payload.sec - self.start_sec > \
self.battery_spec.bulk_timeout_sec or
self.volt > self.battery_spec.bulk_exit_volts:

self.post_fifo(Event(signal=signals.To_Abs))

absorption

entry /
 self.control.reference = \
 self.battery_spec.abs_ref_volts
 self.start_sec = self.sec
 self.cause = self.state_name
 self.post_fifo(
 Event(signal=signals.electrical_change))

Tick as e /
if e.payload.sec - self.start_sec > \
self.battery_spec.abs_timeout_sec or
self.amps > self.battery_spec.abs_exit_amps:

self.post_fifo(Event(signal=signals.To_Float))

float

entry /
 self.control.reference = \
 self.battery_spec.float_ref_volts
 self.cause = self.state_name
 self.post_fifo(
 Event(signal=signals.electrical_change))

equalize

entry /
 self.control.reference = \
 self.battery_spec.equ_ref_volts
 self.start_sec = self.sec
 self.cause = self.state_name
 self.post_fifo(
 Event(signal=signals.electrical_change))

Tick as e /
if e.payload.sec - self.start_sec > \
self.battery_spec.equ_timeout_sec:

self.post_fifo(Event(signal=signals.To_Float))

