

The figure displays 24 time-series plots arranged in a 6x4 grid, showing various environmental and system parameters from August 3 to August 31. The plots are organized as follows:

- Row 1:**
  - battery\_voltage:** Shows a highly volatile signal with a significant dip around August 10.
  - gw\_act\_cond:** Shows a step function that remains high until August 10, then drops to a lower level.
  - gw\_battery:** Shows a step function that remains high until August 10, then drops to a lower level.
  - gw\_density:** Shows a decreasing trend over time.
  - gw\_perc\_sat:** Shows a step function that remains at 0.000 until August 10, then drops to a lower level.
  - gw\_ph:** Shows a highly volatile signal with a significant dip around August 10.
- Row 2:**
  - gw\_ph\_mv:** Shows a highly volatile signal with a significant dip around August 10.
  - gw\_ph\_orp:** Shows a highly volatile signal with a significant dip around August 10.
  - gw\_pressure:** Shows a highly volatile signal with a significant dip around August 10.
  - gw\_rdo\_conc:** Shows a step function that remains at 0.000 until August 10, then drops to a lower level.
  - gw\_salinity:** Shows a step function that remains at 0.000 until August 10, then drops to a lower level.
  - gw\_spec\_cond:** Shows a step function that remains at 0.000 until August 10, then drops to a lower level.
- Row 3:**
  - gw\_temperature:** Shows a linear increasing trend over time.
  - gw\_temperature\_int:** Shows a linear increasing trend over time.
  - gw\_voltage\_ext:** Shows a step function that remains high until August 10, then drops to a lower level.
  - sapflow\_2.5cm:** Shows a highly volatile signal with a significant dip around August 10.
  - sapflow\_5cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_EC\_15cm:** Shows a highly volatile signal with a significant dip around August 10.
- Row 4:**
  - soil\_EC\_30cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_EC\_5cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_temp\_15cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_temp\_30cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_temp\_5cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_vwc\_15cm:** Shows a highly volatile signal with a significant dip around August 10.
- Row 5:**
  - soil\_vwc\_30cm:** Shows a highly volatile signal with a significant dip around August 10.
  - soil\_vwc\_5cm:** Shows a highly volatile signal with a significant dip around August 10.

TIMESTAMP