



Post Disturbance Review

- The Post Disturbance Review (PDR) function is an add-on to EOscada that allows you to record to a file, scanned or calculated analog and indication values before and after a triggering event. These resulting simple text event files may be analyzed off-line by other programs.
- Triggering events may be any of the following:
 - A scanned or calculated indication state change, in any direction.
 - A scanned or calculated analog limit crossing, any limit, in either direction.
 - A pseudo indication state change, for manual or calculated triggering, in either direction.
- Up to 64 groups can be defined for a set of scanned or calculated points and all groups' points are sampled every second. When a triggering event occurs for a group, a configurable number of seconds of that group's data points, also collected at a 1 second sample rate, is written to file along with the 15 seconds of data prior to the trigger event. Disk space shall be the only constraint for the amount of PDR data saved.
- An intuitive Windows interface is provided to assign or unassign points. The user interface for creating and configuring PDR Groups is EOExplorer, which adds a left-pane tree-view control, titled "PDR Groups", underneath the main "System" tree control item.
- Triggering points are defined using the same interface, specified by name. Multiple triggers can be assigned to the same group, and the same point can be a trigger for multiple groups.