Power Log Data Recorder (PLDR©)

GT-APS

Program Components and Functions

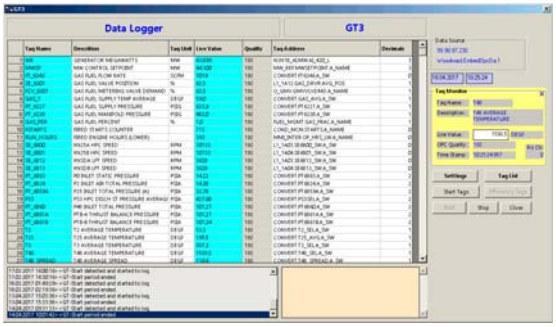
The GT-APS Power Log Data Recorder (PLDR©) has the ability to automatically gather large quantities of data from a Woodward [Atlas II, Atlas SC, MicroNet, MicroNet Plus, MicroNet TMR], GE [Fanuc 90-70 PLC, etc.] and store it to a file on a MS Windows based PC.

The PLDR consists of a standalone program residing in the PC. The PC in this case is generally the same one which is used as the Human – Machine Interface (HMI) of the unit.

The PLDR program in the PC is a MS Windows application designed to log the data in the PLC. The PC program also has a Configuration display to allow for setting user defined data and communication parameters, and a trend display to graphically show the logged data.

Program Overview

The Power Logger program can easily be set and the parameters configured from the application program folder.



The Power Logger is a standalone data logger developed for specifically gas turbines as well as any other industrial machines.

The program logs endless data for each of approximately 250 unit tags and store them in the hard disk (in fact the number of 250 is not the upper limit, just the average number of tags for one single unit. Therefore there is not an upper limit and more tags mean just a hard work for PC).

The Power Logger program continuously logs data until the user decides not to operate Power Logger by manually stopping the program.

The GT-APS Power Log Data Recorder (PLDR©) has a **Start Cycle Logging** * feature that logs a start period of a unit. Start logs are separated from main log file. This is a very useful tool for analyzing, troubleshooting and comparing start cycles of units.

The GT-APS Power Log Data Recorder (PLDR©) program runs on a PC compatible computer and is used to retrieve data from controllers and store it to a file on the hard disk.

The Power Logger program has a utility to show logged data in graphical view. This means that this program can also be installed on computers that are not networked, but are used for the purpose of displaying a trend of the PLDR data files.

* See **Start Cycle Logging** brochure for more

Power Log Data Recorder (PLDR©)

GT-APS

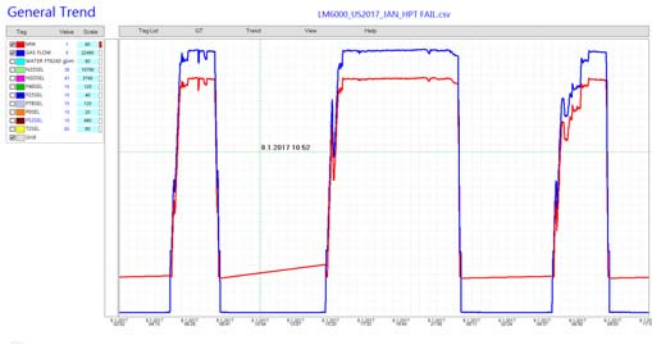
Program Operation

The PLDR program is designed to typically run on the same PC utilized as an HMI in a control system but can also be set on a separate logger computer as per Client's requirements. For this reason, the program can be used in either option depending on the User's need.

The PLDR program has variety levels of password protected access security, L0 – L2. This enables Users whether configuring or only reviewing the program.

PLDR Trending Utility

The Trend Utility displays the logged data in graphical view stored in file(s) created by the Power Logger.



However, PLDR is a more flexible program which allows Users manage, arrange and play with the graphic from the set-up menu such as SPAN/SCALE- SCAN time- Color and many others.