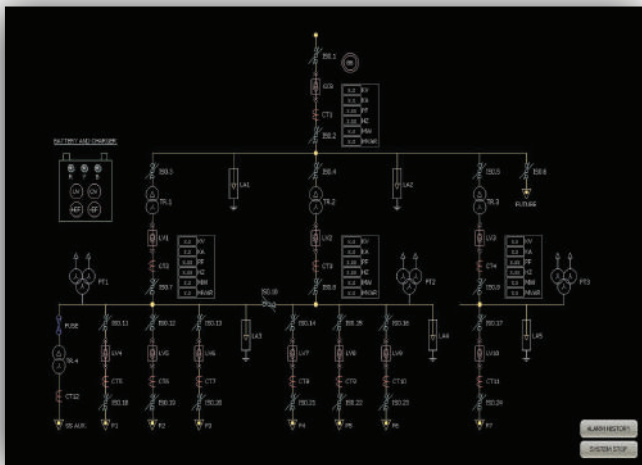


# Substation Automation and Data Logging System

## Features

- \* SADLS (Substation Automation and Data Logging System) is the foundation for all the higher-level remote functions such as advanced power system management, automatically collecting, analyzing, alerting, reporting and graphically representing the datas while the equipment is in service.
- \* Station level systems are easy to use and to adapt to customer specific requirements.



IN BREWER - DETAILS

EVENT	DESCRIPTION	TOTAL		SESSION DATA - SHFT 1		SESSION DATA - SHFT 2		SESSION DATA - SHFT 3		SHFT DATA - SHFT 1		SHFT DATA - SHFT 2		SHFT DATA - SHFT 3	
		NO. OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.	NUMBER OF STOPS	IN SEC.
001	LINE VOLTAGE	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
002	LINE FREQUENCY	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
003	LINE FREQUENCY	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
004	DC FAILURE	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
005	TRIP CIRCUIT SUPERVISION	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
006	FACE FAILURE	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
007	INSTANTANEOUS OR AC TIME OVER CURRENT	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
008	SHFT WITH DIFFERENTIAL EARTH FAULT	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000
009	RESTRICTED EARTH FAULT	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000	1000	10000

## Specifications

PLC	Micro Logix ML1400 ( 1766L32BXB, 24VDC, 20KB RAM, RS232, RS485, EtherNet/IP, Modbus TCP/IP, DNP3 over IP )
Digital Input	120 Nos
Analog Input	40 Nos
Outputs	
Networking	Ethernet IP
Communication	Modbus RTU
Panels	RITTAL with IP 55
Compliance	IEC, UL, CSA
SCADA	
Project	Substation Automation panel
Scope of our Supply	Design, Development, manufacture of Panels and SCADA development and implementation

**Applied Control Equipment Systems**

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