



LOY YANG HMI POWERING ON

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Late last year PARASYN assisted Loy Yang Power with various upgrades to their existing SCADA Monitoring System.

Located within the heart of the Latrobe Valley, 165 kilometers east of Melbourne, Loy Yang Power is Victoria's single largest energy producer. PARASYN have been working closely with Loy Yang Power for the last few years providing system upgrades and support for the Plant Services and Environmental SCADA Monitoring System.

The most recent system upgrade involved the expansion of the system to include 2 new Water Quality testing sites. With the commissioning of these additional monitoring points to the SCADA system, Loy Yang Power are able to closely monitor the quality of treated water that may enter the ecosystem from around the power station on a 24/7 basis. This forms a vital part of their environmental responsibility that they strive to maintain to meet EPA guidelines.

Part of the physical components supplied include two enclosures using Kingfisher RTU's (KFRTU), field instrumentation with local display panels and solar power supply systems. Onsite communication is via KFRTU spread spectrum (SS) radios to an existing site that will be enhanced with SS radio for communications. Enhancements to the HMI where also required to allow for the remote monitoring of the new sites.

Loy Yang Power and PARASYN share a close ongoing working partnership with this latest system expansion following on from previous projects including:

Field RTU Hardware upgrade Project

SCADA HMI Software upgrades and re-configuration

PARASYN are also providing technical support to Loy Yang Power and recently provided assistance to resolve a system malfunction due to the failure of an obsolete communications module which we were able to source a replacement for and assist with the re-commissioning of the system.

The Loy Yang Power/PARASYN partnership is one of mutual respect and value with both organisations benefiting from partnering.