



Reciprocating Engine Controls

WHY HPI?

Our team has extensive experience with over 70 turbine models from more than 23 manufacturers in multiple markets: Power (Peak and Prime), Oil & Gas Processing and Transmission, Power Plant EPC. We provide open control systems based on commercially available, off-the-shelf technology, reducing life-cycle costs.

ABOUT HPI

HPI remains a technological leader in providing full service turbine solutions. HPI's range of products and services include turbine and plant control packages, mechanical inspection/overhaul services, as well as full turnkey Engineering, Procurement, and Construction (EPC) of power plants. HPI provides custom solutions to meet each specific project requirement by utilizing in-house talent experienced in project management, engineering, and design which improves overall plant reliability and safety.

15503 W. Hardy, Houston, TX

+1 713 457 7500

sales@hpi-llc.com

www.hpi-llc.com



Solutions for Reciprocating Engines include:

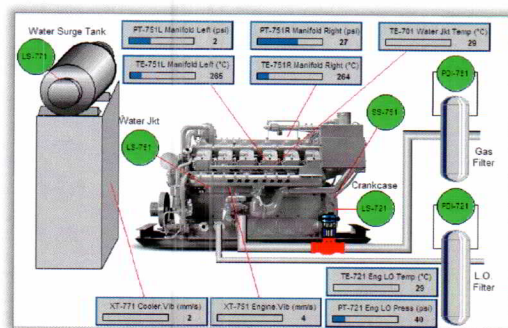
- Speed and torque control
- Ignition timing set point generation
- Air/Fuel Ratio control
- Integrated generator controls including upgrade of Generator monitoring and control equipment
- Balancing embedded in control's logic
- Remote or local control and monitoring
- Temperature control
- Modern operator interfaces
- RTU's
- Integration to higher control architecture

The use of cost-effective power processors makes integration of the new control panel with existing DCS/SCADA systems straightforward. The new control panel can also be configured for remote operation and control.

Reciprocating Engine Controls

HPI provides control solutions for reciprocating engines and electric motors on multiple applications. Our experience includes pumpsets, generators, and compressor packages in both onshore and offshore facilities. We specialize in the design/development, engineering, manufacturing, testing and installation of retrofit control and monitoring systems for industrial engine applications including:

- Generator controls and protection
- Gas compression
- Pumping stations



Control System Design Features:

- Open architecture for extensibility
- Visibility of I/O points
- Customized HMI screens
- Remote monitoring and control
- Multi-language capable

