



Keyspan Ravenswood

HPI is pleased to provide a quotation to Keyspan Energy at Ravenswood, New York for their request in the upgrading of the gas fueled GE Frame 5 generator. The Keyspan Corporation is one of the largest distributors of natural gas in the United States.

Keyspan wanted HPI to create new control systems software that prevents unauthorized access. HPI decided to install security protection on the control system processor, which will prevent any unauthorized access to the software. HPI implemented a system, which allows HPI Engineers to access the control system via telephone from Houston. This assures the software protection will not become a burden on Keyspan.

HPI completely removed the old control system, and was replaced with an Allen Bradley Control Logix PLC.



The above picture is the mounted HPI Allen Bradley Control Logix Controller.

New sub-panels were also provided for the rear and sides of the existing panel to mount the new control equipment.



The main operator interface was a mounted MMI running on Interlution Runtime software. The included MMI was also on the Windows 2000 Platform. A desktop PC running the Interlution software for remote access was also supplied. These MMI's provide sophisticated color graphics for display information, alarm and event annunciation and logging, historic data logging, and security and password protection.

(Door Mounted MMI)



HPI controls are consistent and repeatable under all ambient conditions and are guaranteed a 99% start availability. With the use of HPI diagnostic aids, faults can be identified and repaired quickly which in turn increases engine availability.

As technological leaders in the supply of turbo-generator services, for both the OEM and retrofit markets, HPI use professional project teams with extensive experience in design of hardware and software, manufacture, testing, installation, commissioning and supporting of turbine systems. Former key VT Controls and HSDE staff with over 150 cumulative years experience in the industry make up the HPI engineering, project, organization and management teams; they have been proven through many years of providing turbine retrofits and are formed of highly qualified personnel who fully understand the demands of this specialized industry.