



NRG Energy, Inc.

NRG Energy, Inc., is a competitive energy provider with a diversified power generation portfolio. It is NRG's mission to provide reliable wholesale electricity safely in an environmentally friendly manner.

NRG has recently decided to upgrade the controls on one of their Westinghouse W251AA gas turbine generator units at their Astoria Gas Turbines Plant in Queens, New York. This upgrade will involve the replacement of the existing Woodward NetCon 5000 controller with a new HPI RNU (Replacement NetCon Unit).

The HPI RNU is specially designed to be a direct replacement for the Woodward NetCon 5000. The RNU is designed to be able to fit in the space envelope of the existing NetCon 5000 while being able to connect directly to the existing cabling. The RNU has much of the same functionality as the existing Woodward. However, the RNU comes with additional features that assist with fault finding and maintenance.

The RNU includes a PanelView Plus display that allows the unit to be started, monitored and controlled.

Key advantages of the HPI RNU include:

- Allen Bradley worldwide support
- Easy access allows for on-site repairs.
- FlexLogix hardware is well proven.
- Features Plug and Play installation which drastically reduces the outage time.

As technological leaders in the supply of turbo-generator services, for both the OEM and retrofit markets, HPI uses professional project teams with extensive experience in the design of hardware and software, manufacturing, testing, installation, commissioning and supporting of turbine systems. Former key VT Controls and HSDE staff have 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.

