



## Ghana Power Plant

HPI LLC, the international power engineering specialist company, signed on to build a 132 MW power plant in Ghana on a turnkey EPC basis. Project kickoff is slated for April 2008 with commercial operations beginning in mid-2009. The owner will be the Volta River Authority and the project is made possible through a contractual collaboration between HPI LLC & Magellan Orenda Aerospace, whose OGT-series of gas turbine-generators will be used to produce 132 MW of power in a combined cycle configuration.

The OGT25000 class engine provides an environmentally friendly way to create electricity from what was formally used as waste. The engine converts waste gas into electricity which would normally be disposed of by a "flaring" process, which many governments have recently condemned.



HPI provides an Allen-Bradley ControlLogix system with every generator skid which is programmed and tested by HPI staff. In addition to providing the digital governor and generator controls, HPI's engineers also design the fuel regulator, lube oil, and electrical systems in order to insure tight integration amongst these functions, leading to unsurpassed reliability and safety.

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.

