## DEMEC - SMYRNA, DELAWARE

DEMEC

**50 MEGA WATTS**

H&M was awarded the contract for installation of a dual fuel simple cycle expansion at the existing DEMEC facility. Our scope of work included foundations, UG utilities, steel erection, piping, equipment installation, electrical installation and start-up and commissioning. Major equipment included LM-6000, SCR, exhaust stack, CEMS, chiller, fuel gas compressor, etc.

## DUKE POWER - PELZER, SOUTH CAROLINA

DUKE ENERGY®

**100 MEGA WATTS**

Installation of two LM 6000 turbine generators in an existing power generation facility. Generators were dual fuel (diesel and gas) and used as a backup system for a nuclear plant. Our scope was turnkey from engineering process to generation of power.

## KINDER MORGAN - WRIGHTSVILLE, ARKANSAS

KINDER MORGAN

**550 MEGA WATTS**

Installation of civil and structural works, equipment setting and alignments, pipe installation, power and control wiring. Start-up services included turnover books, start-up of all systems and commissioning of plant.

## CWL - CITY WATER & LIGHT - JONESBORO, ARKANSAS

**50 MEGA WATTS**

Installation services for one LM6000 turbine and secondary equipment. Our scope of work included turnkey installation. Spectrum and H&M Industrial Services teamed together to provide CWL a complete power plant.

## SPECTRUM ENERGY - CADIZ, INDIANA

**150 MEGA WATTS**

Installation of turbine generators, all secondary equipment, piping, electrical, and instrumentation. Assisted with start-up and commissioning.

## SPECTRUM ENERGY - KENOVA, WEST VIRGINIA

**300 MEGA WATTS**

General contractor for installation of turbines, secondary equipment, piping, steel erection, electrical and instrumentation.

## SPECTRUM ENERGY - SYLACAUGA, ALABAMA

**100 MEGA WATTS**

Installation of two LM 6000 generators and associated equipment. H&M scope included equipment installation, piping, electrical and start-up for this backup generation facility.

## E.ON CLIMATE AND RENEWABLES, WIND FARM - PANTHER CREEK, TEXAS

Project Highlights:

- 258 Mega Watts
- Provided complete Balance of Plant (BOP) services
- 172 GE 1.5 sle WTG's
- 65 miles of roads installed (2.75 million yards of base material)
- 300,000 LF of underground collection system
- 75,000 LF of overhead collection system
- Over 50,000 CY of concrete placed
- Over 4,500 tons of rebar placed
- Broke ground February 2008, completed November 2008

## GENON ENERGY STAR II, HIGH CARBON FLY ASH PROCESSING - NEWBURG, MARYLAND

H&M was responsible for the installation of a 65 ton per hour, high carbon fly ash processing facility for GenOn at their Morgantown generation facility. H&M Industrial Services, H&M Construction and H&M Architects/ Engineers worked together to provide engineering, procurement, construction, and start-up of the facility. EPC included a 30,000 ton storage dome, truck load out system, reactor, product conveyance system, power and control systems, CEM's system, flue gas treatment, cooling water system, and miscellaneous shops and control rooms. H&M self-performed concrete, piping, electrical, instrumentation, steel erection, mechanical equipment installation and checkout of facility.

***H&M received an "Excellence in Concrete Award" in 2011 for this project by the Maryland Chapter of the American Concrete Institute for its recognition of the creative use of concrete.***

## SANTEE COOPER/SEFA GROUP STAR II, COAL FLY ASH RECYCLING - GEORGETOWN, SOUTH CAROLINA

Coal Fly Ash Recycling – up to 400,000 tons per year. H&M was selected to design-build the ash beneficiation STAR process for The SEFA Group at the Santee Cooper Power Plant – Winyah Generating Station. H&M self-performed the concrete, electrical, steel supply and erection, mechanical and piping.