CASE STUDY



Trent Gas Turbine and Emission Control SCR System

CECO ENVIRONMENTAL

PROJECT: Howard M. Down Generating Station

OPERATOR: Rolls-Royce Energy Systems Inc.

LOCATION: City of Vineland, New Jersey

YEAR BUILT: 2012

PROJECT DESCRIPTION:

A simple cycle 62 MW Rolls-Royce Trent gas turbine with a Peerless designed, engineered and delivered emission control SCR system.

MAIN PARAMETERS:

Gas Turbine Fuels:

- Natural Gas (NOx) 25 ppmvd reduced to 2.5 ppmvd with a 5 ppmvd NH_3 Slip
- Oil 42 ppmvd reduced to 5 ppmvd with a 5 ppmvd NH_3 Slip

