

BURNING LANDFILL GAS AT THE GODDARD SPACE FLIGHT CENTER CENTRAL POWER PLANT**A. Wagner¹, L. Conner²**¹*NASA Goddard Space Flight Center, Greenbelt, USA*²*CPL Systems Inc., Lafayette, USA*

The National Aeronautics and Space Administration's Goddard Space Flight Center (GSFC) located in Greenbelt, Maryland, U.S.A. began burning landfill gas in January 2003. GSFC is the first federal facility in the country to implement a landfill gas energy project. Two of the five boilers began burning landfill gas supplied by the Sandy Hill Landfill. The two boilers were outfitted with new burners and controls. These newly installed burners and controls have greatly reduced the NO_x and CO₂ emissions. The proposed paper will also detail the operational aspects of the two boilers, including landfill gas delivery and offer 'real-world' advice on startup landfill gas boiler.