

Key Technical Personnel

Wayne Harman
Manager, Energy Procurement
ArcelorMittal USA
Wayne.Harman@arcelormittal.com
219-399-4273

Experience:

ArcelorMittal USA LLC
Manager, Energy Procurement

East Chicago, Indiana
Jan 2009 – Present

ArcelorMittal Global Procurement
Global Sourcing Manager, Industrial Gases

East Chicago / Paris
Dec 2005 – Dec 2008

Great Valley Industries. Inc.
Sales Manager

Downingtown, Pennsylvania
March 2002 – Nov 2005

MG Industries (subsequently acquired by Air Liquide)
VP/GM – Bulk Gas Division

Malvern, Pennsylvania
August 1991 – October 2001

Air Products and Chemicals, Inc.
Project Engineer

Allentown, Pennsylvania
August 1988 – August 1991

U.S. Navy
Nuclear Submarine Officer

Various
May 1980 – July 1988

Education:

The Catholic University of America
Masters Mechanical Engineering

Washington, D.C.
1981

U.S. Naval Academy
Bachelor of Science, Mechanical Engineering

Annapolis, Maryland
1980

Paul Ciesielski
Sourcing Manager, Natural Gas and Liquid Fuels
ArcelorMittal USA
Paul.Ciesielski@arcelormittal.com
219-399-6385

Experience:

ArcelorMittal USA
Sourcing Manager – Natural Gas & Liquid Fuels

East Chicago, IN
October 2005 – Present

Constellation NewEnergy
Energy Sales Consultant

Louisville, KY / Chesterton, IN
April 2003–June 2005

Nicor Energy LLC
Director – Sales

Lisle, IL / Chesterton, IN
April 2000–April 2003

Illinova Energy Partners
Director – Gas Supply

Oakbrook, IL / Chesterton, IN
February 1999–April 2000

Equitable Resources Incorporated
Director – Sales

Pittsburgh, PA / Chesterton, IN
March 1995–February 1999

NIPSCO Industries – Northern Indiana Public Service Company / NIPSCO Energy Trading
Company (NETCO), Merrillville, IN

Gas Supply Buyer
Energy Services Engineer
Engineering Tech, Field Engineer, and District Engineer

June 1990–March 1995
April 1987–May 1990
October 1979 – March 1987

Education:

Mr. Ciesielski is a graduate of Purdue University with a Bachelor of Science degree.

Sam Harper
Procurement Specialist – Electricity
ArcelorMittal USA
Samuel.Harper@arcelormittal.com
219-399-8342

Experience:

Sam Harper is responsible for the procurement of electricity for all US operations located in deregulated states. He performs analysis related to electricity usage patterns of the mills and the various electricity purchase options, including Real Time, Day Ahead, Block Power Purchases and tariff rates where available, to determine the lowest cost sourcing options. Develops a strategic sourcing plan for electricity in the deregulated market areas, including: bidding, negotiating and implementing regional sourcing or dispatching deals; serving as the primary resource for understanding regional and site specific procurement requirements; working closely with site Utilities organizations to reduce the Total Cost of Ownership of the purchase and use of electricity; performing detailed analysis (return on investment, supply-demand analysis, price-value analysis, etc.) to evaluate energy reduction projects; managing relationships with suppliers; identifying and developing new potential suppliers; consolidating the procurement volume to obtain leverage and cost savings while meeting the specifications of end users; creating and managing supplier metrics to drive consistent performance; developing annual cost targets and reporting results versus plan; and various other duties as needed to support the business.

Prior to his current role, Mr. Harper performed Analytical roles for ArcelorMittal in the areas of Metallics Procurement, Refractory Procurement, Learning & Development and Systems & Technology.

Education:

Mr. Harper is a graduate of the University of Illinois at Urbana-Champaign with a Bachelor of Science degree in Business Administration.

Paul Williams
Consultant
paul@renewablellc.net
215-499-6940

Experience:

Paul Williams consults on energy and industrial gas markets, trading, contracting, operations management and project development for steel, cement and chemical companies. He has recently formed ventures, to develop utility scale renewable energy projects at client sites and other locations. Prior to starting Liberty, Paul was Director of Energy Management at Messer-Griesheim Industries, Inc., where he was responsible for all aspects of energy procurement, project development, operations and risk management. He was also involved in project development for large tonnage air separation plants, contract negotiations with large customers, bulk liquid product management and plant/pipeline operations. Previously, Paul held energy management positions with Bethlehem Steel Corporation and Air Products and Chemicals, Inc. where he was responsible for energy procurement, project development and operations and risk management. Paul began his career at Philadelphia Electric Company where he held various positions in their Engineering, Rates, Marketing & Sales and various competitive operations.

Education:

Mr. Williams holds a Bachelor of Science degree in Electrical Engineering with a concentration on power systems and electrical machines and a Master of Science in Engineering Management with a concentration on economic operation of bulk power systems, both from Drexel University in Philadelphia.