

## Speaker Biography's

### **JAMES M. "Mickey" LAY**

Industrial Director, Bio-fuels Division  
Bunge North America

James M. ("Mickey") Lay currently holds the position of Industrial Director, Bio-fuels Division of Bunge North America St. Louis, Missouri. Prior to that he served as Industrial Director, Bunge Europe and Bunge Global Markets (BGM) and was located in Geneva, Switzerland. Prior to this assignment Mr. Lay served as Vice President – Site Manager of Bunge Milling Danville, Illinois operation. Prior to this assignment, he served (1993 – 2000) as Technical Support, Environmental Compliance and Quality Control Manager for Bunge Corporation's Soybean Processing Division and was based at the Company's corporate offices in St. Louis, Missouri.

From 1988 to 1993, Mr. Lay held the position of District Manager for Bunge Corporation's Marks and Jackson, Mississippi Districts and was based in Marks, MS. From 1984 to 1988, Mickey served as Operations Manager for Bunge's soybean processing plant in Cairo, IL. Prior to this, Mr. Lay held the position of Division Engineer and Project Manager from 1981 to 1984 at Bunge Corporation's Soybean Processing plant in Marks, Mississippi where he served as project manager during the reconstruction of that facility as well as completing major modifications on several other soy processing facilities.

From 1979 to 1981, Mr. Lay served as Division Engineer at Bunge's Soybean Processing Division plant in Destrehan, LA. He moved to Destrehan from Bunge Corporation's Engineering offices in West Memphis, Arkansas where he commenced his career in the agribusiness industry in June of 1972.

Mr. Lay attended Southeast Missouri State University in Cape Girardeau, MO and the State Technical Institute in Memphis, TN, and has completed post-graduate hours in pursuit of an Executive MBA from Delta State University in Cleveland, MS. Mr. Lay has attended various training sessions and most recently completed the Company's Leadership Development Program at Washington University in St. Louis, MO.

Mr. Lay has served as an active member and participant of several organizations as follows:

- American Oil Chemist Society (AOCS) and has served as Processing Division Chairperson.
- Past President of the AOCS Mid-South section and a number of division offices with this organization.
- National Fire Protection Association (NFPA-36) - Technical Committee on Solvent Extraction Plants.
- International Oil Mill Superintendents Association (IOMSA).
- Environmental Committee of the National Oilseed Processors Association (NOPA).

Mr. Lay has jointly worked on several patents currently held by the company, and is the author of a number of technical papers published in a variety of agribusiness trade publications including "INFORM" and the "Oil Mill Gazetteer."

**Jeff Burleson**

Director of Resource Policy and Planning  
Georgia Power Company

Jeff Burleson in his role as Director of Resource Policy and Planning, he has responsibility for the overall generation and supply planning of the Company. Prior to joining Georgia Power in 1999, he worked at Alabama Power for 11 years and for Southern Company Services for 8 years.

Jeff has a Bachelors degree in Electrical Engineering from the University of Alabama at Birmingham and a Masters degree in Electrical Engineering from Auburn University. He is a member of the Institute of Electrical and Electronics Engineers (IEEE) and has served on the Energy Policy Committee of IEEE-USA since 1998. Jeff is a registered professional engineer in the states of Alabama and Georgia.

**Randy Sherman, PG, CHMM**

Sr. Program Manager  
Shaw Environmental & Infrastructure, Inc.

Mr. Sherman is a Senior Program Manager with Shaw E&I, in their Jacksonville, FL office. He has over 16 years of experience involving management and implementation of environmental and geological investigations in support of engineering design for solid waste facilities as well as regulatory compliance for private industry, municipal, state, and federal government clients. He has managed landfill gas (LFG) system construction, monitoring, and operational activities at sites where the LFG is used for on-site and off-site energy projects as well as sites where the gas is flared. He has also managed a variety of investigation and compliance monitoring projects for active and closed landfills, soil and groundwater cleanups, and property acquisition assessments. He is currently involved with the USEPA's Landfill Methane Outreach Program (LMOP).

**Vasu Pinapati***Senior Project Engineer*

Tenaska Inc

As Senior Project Engineer, Vasu Pinapati is responsible for providing engineering and operations support for project development and construction activities.

Mr. Pinapati has approximately 16 years of project management and project engineering experience with coal, natural gas, waste heat and biomass fueled power generation facilities. This experience includes development, design, financing, construction, start-up, commissioning and operation.

Since 2003, Mr. Pinapati is actively involved in providing engineering support to gasification based project opportunities. His responsibilities include engineering and commercial analysis of both commercial and developmental gasification and Fischer-Tropsch technologies. Mr. Pinapati is currently working on several gasification based projects including Integrated Gasification Combined Cycle (IGCC), coal-to-chemicals and coal-to-liquids (FT diesel).

Prior to 2003, Mr. Pinapati has been involved in the project engineering, construction management and start-up supervision of the 1,220 MW Tenaska Kiamichi Generating Station near Kiowa, Oklahoma.

Before joining Tenaska in 2000, Mr. Pinapati was employed in a variety of positions at these following companies.

- Assistant Manager (Projects) from 1996-1998 at PT Polysindo Eka Perkasa.
- Principal Engineer from 1993-1996 at International Development and Engineering Associates, Chennai, India ( formerly Babcock Borsig, now acquired by Austrian Energy & Environment AG ).
- Mechanical Engineer from 1987-1992 at JK Paper Mills, India.

Mr. Pinapati earned a Bachelor of Science degree in mechanical engineering from the Osmania University at Hyderabad in India. He also holds a Master of Science degree in mechanical engineering from the University of North Dakota.