

## **TOPIC**

### **Energy Resources & the Power Industry – Where Are We Headed?**

Beginning with some historical perspective of the energy sectors, and the present energy flow/energy consumption by source and sector, there will follow an overview of coal, petroleum, natural gas, nuclear and renewable energy sources. Environmental considerations will be summarized, and current challenges, initiatives and future trends will be presented.

## **SPEAKER**

Komandur Sunder Raj

## **BIOGRAPHY**

Mr. Sunder Raj is the founder and owner of Power & Energy Systems Services specializing in maximizing asset value and knowledge management for the power industry. He has forty-seven years' experience providing consulting engineering, training and software development services for fossil and nuclear power plants. He developed a power plant performance monitoring tool for performance monitoring, secondary cycle analysis, capacity loss investigations and conducting training. He has presented and published over 40 papers on fossil and nuclear power plant performance. Mr. Sunder Raj is a life member of the American Society of Mechanical Engineers (ASME). He is past chairman of the ASME Plant Operations and Maintenance Committee, current vice chairman of the ASME Performance Monitoring Guidelines Committee, and a speaker for the ASME Speakers Bureau. He has a BS in Mechanical Engineering and an MS in Engineering Management.