

Electric Power and Power Electronics Institute

WEEKLY SEMINAR SERIES – SPRING 2018
Monday, March 26th, 2018, 3:00 p.m. – 4:00 p.m., ETB 1035

HIGH POWER MEDIUM VOLTAGE VARIABLE FREQUENCY MOTOR DRIVES

Manish Verma & Todd O’Neal
TMEIC

Topics

- Who is TMEIC?
- Industrial Drive Market Place.
- Power Device Technology Development History.
- General Overview of VFDs.
- TMEIC Drives Portfolio.

Biography

Manish Verma is a senior sales application engineer with TMEIC. He graduated in 2006 from Virginia Tech with BSEE. He began his career with TMEIC in 2006 while continuing his professional education. In 2009 he completed his MSEE with concentration in power. After a broad exposure and education in the various TMEIC business units, he joined the global drives division, with concentration on sales and application engineering. His responsibilities include providing solutions-based engineered adjustable speed drives and motors, reviewing specifications, and technical and sales training for a wide variety of industrial clients and channel partners. He is a senior member of IEEE and has authored and presented more than 20 technical papers and tutorials for several nationally recognized conferences and seminars.

Todd O’Neal is a Houston native proudly representing a 3rd generation in the oil and gas industry in his family. He worked as a journeyman electrician while attending university and was later licensed as a master. In 1991, he graduated with a BS in Electrical Engineering from Texas A&M University. His engineering study focused on power systems and power electronics. He earned an MBA from the University of Houston at Clear Lake in 2004. He has 27 years of combined experience in electrical engineering, project management and sales. Todd joined TMEIC in 2014 as a Technical Sales Manager. In his current role, he supports oil and gas end-users, pump and compression OEMs and engineering firms in the Gulf of Mexico region, through the sales of high power medium voltage motors and drives. Todd is a Sr. Member of IEEE and has authored and presented technical topics at multiple national conferences.