



2025 BR SECTION CONTACTS

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Counselors

LSU- TBD
SU – Dr.Fred Lacy

Chairman's Message

**Looking for Help to run the Baton Rouge Section.
Newsletter Editor, Web Master/Site Developer, WIE Chair, etc.
Any help is appreciated.**

The April meeting was a joint meeting with IAS, ISA and WIE; held in person with a total of twenty-six (26) in attendance. Twenty (20) were IEEE members and six (6) were guests. Those in attendance included eight (8) IEEE IAS members, two (2) ISA members and one (1) student.

The meeting topic was "Planning the Future: A Cost-Effective Approach to Modernizing Aging Switchgear" presented by David Parker a Business Development Manager within US Field Services at Schneider Electric. The presentation informed attendees why modernization matters, what modernization is, what are some of the different solutions and what the future of modernization looks like. Modernization matters because it improves reliability, safety, performance, addresses compliance and connectivity issues and environmental impacts. Modernization is the replacement of the old with new. Modernization solutions include direct replacement or retrofit. When considering whether to replace, retrofit, or upgrade, there are several factors to consider. The future of modernization includes incorporating features like digital modules, monitoring (mobile app, web page, Bluetooth), smart sensor technology, and arc flash technology. Usually, one has a choice to rip and replace, continue to maintain or modernize.

May 08, 2025

**LaContea Italiano Ristorante
Presentation Starts At 6:30pm**

To RSVP for the meeting click on link below

<https://events.vtools.ieee.org/event/register/483744>

Your RSVP for the meeting is important as this is an **in-person meeting**.

The sign-in list is typically published based on those that registered as of midday Wednesday (about 12 noon).

UPCOMING AGENDA

- May 8, 2025 – Grounding for Electrical Power Systems (Low Resistance and High Resistance System Design), Manjeet Malik I-Gard Corporation
- June 12, 2025 – Arc Flash Protection with Current Limiting Fuses, Joey Giles Electrical Equipment Enterprises
- July 10, 2025 – To be Determined, Shawn Johnson Eaton
- August 14, 2025– Big Data and ME, Karen D. Morton, PE
- Sept 11, 202 – Batteries Various Types, Uses, pros/cons, Tim Trae Tindall Power Storage Solutions

Thanks.
Robert Walker

MEETING NOTICE

Date: Thursday May 08, 2025

Time: Social.....6:00pm

Place: LaContea Italiano Ristorante

Speaker Presentation.....6:30pm

Dinner: **Cash or Check only (\$20 members/ \$30 non-members/ Free IEEE students members)**

AGENDA: Meeting Sign-in include if member of IEEE, IAS, ISA, WIE or student.

- IEEE/Region 5/BR Section 2025:
 - Election IEEE changed process to all online, plan is to initiate 3rd qtr with elections 4th qtr.
 - Volunteers needed -- see open positions Page 1
 - Ethics meeting
- Conferences, Webinars, Professional Activities
 - August 4-7 TEMSCON Global 2025, San Diego, California
 - Sept 22-25 IEEE IAS PCIC Conference in Dallas, TX
 - May 26-29, 2026, IEEE Controls Systems Society Conference New Orleans

• CONTINUING PROFESSIONAL DEVELOPMENT PRESENTATION

"Grounding for Electrical Power Systems (Low Resistance and High Resistance System Design)"

Presented by: Manjeet Malik, B.Eng, MBA

ABSTRACT of PRESENTATION

Impedance grounding systems, including high and low resistance-grounding methods, are critical to modern power system design, offering a balanced approach to safety, equipment protection, and operational continuity. Unlike solidly grounded or ungrounded systems, high resistance grounding (HRG) offers a balanced approach that supports fault detection and allows continued operation during the first ground fault, enabling planned maintenance and increased uptime. Impedance grounding limits ground fault current to a controlled level, reducing damage from arcing faults, minimizing transient overvoltage's, and enabling continued system operation during single line-to-ground faults. This grounding method is particularly vital in applications with high operational continuity requirements, such as petrochemical, data centers, and process industries. Additionally, compliance with safety standards such as IEEE 3003.1-2019, NEC 250.36 and NFPA 70E. This presentation explores the design, application, and compliance considerations of impedance grounding systems, highlighting their growing importance in mission-critical and high-reliability environments.

BIOGRAPHICAL DATA of PRESENTER

Manjeet Malik is a seasoned Technical Sales Manager with over 18 years of experience in the electrical industry, specializing in technical sales, marketing, and business development of electrical goods and services. He holds a Bachelor of Engineering (B.Eng.) from Maharshi Dayanand University (2006) and a Master of Business Administration (MBA) from Amity University. Manjeet has held various roles at leading multinational corporations including Siemens, Rockwell Automation, and OBO Bettermann. Currently, he serves as the Regional Technical Sales Manager at I-Gard Corporation, where he has been instrumental over the years in supporting U.S. customers and engineering firms with advanced grounding and electrical protection solutions. An active member of the IEEE Industry Applications Society (IAS), Manjeet brings a strong technical foundation and a forward-thinking sales approach to

every engagement, helping clients meet evolving safety standards and system reliability goals.

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RSVP (Non-Members and Members) via the link BEFORE May 8, 2025

If you have issues, please email robert.walker@ieee.org