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Ted Bohn is with the Center for Transportation Research at Argonne National Laboratory. He is a principal electrical engineer in the Vehicle Systems Group, identifying and validating interoperability issues related to PEV charging systems including grid impacts/opportunities. His recent research includes Smart Charging and standards related to adaptive charging controls tying vehicle charging requests to power flow from the grid under

various grid marketing and stability conditions. His group at ANL is leading wireless charging standards interoperability and safety research as part of SAE charging standards. Ted has worked for each of the US-based automobile manufacturers as well as various Tier I automotive suppliers. He has been working on advanced technology and alternative energy-fueled vehicle research for over 35 years. He actively serves on battery and PHEV related SAE technical standards committees. He is the chair of the SAE J2953 PEV-EVSE Interoperability standard, as well as the subcommittee chair of the NIST Handbook44 standard on measurement systems for commercial dispensing of electricity as a fuel. He holds an adjunct faculty position at University of Wisconsin-Madison where he develops and delivers regular and short course materials. He received his BS and MS degree in electrical engineering at the University of Wisconsin-Madison. His area of focus is on power electronics, electric machines, and dynamic control systems.