

Matthew Paiss, *Technical Advisor, Battery Materials & Systems Group*, PACIFIC NORTHWEST NATIONAL LABORATORY (PNNL)

Matthew Paiss serves as a Technical Advisor in the Battery Materials & Systems group. Prior to joining PNNL, he was the President of Energy Response Solutions, Inc (a Training & Consultation). He brings 28 yrs of emergency response experience retiring as a Fire Captain with the San Jose CA Fire Department. His background in renewable energy started in 1982 at ARCO Solar in Camarillo, CA before studying Solar Technology and Fire Science in Santa Cruz, CA. He spent 5 yrs in the semiconductor industry as a field service engineer prior to transitioning to the fire service. Matt has 10 years' experience on RE Codes & Standards committees and currently serves on NFPA 855 Energy Storage Systems, UL Standards Technical Panels 9540, 1974, and IEC TC120. He served as a subject matter expert for the National Fire Protection Association on energy storage and has contributed to the model Fire Code sections on PV & ESS. He has delivered electrical safety training to over 8000 firefighters nationwide and has spoken across North America and in Europe on fire and PV/ESS safety.

He has written for Fire Engineering, Home Power, SolarPro and SFPE magazines.