



**Thorsten Bernacki**  
*Reserve Analyst / Principal*

Thorsten Bernacki brings a broad technical and inspection-driven background to his work as a Reserve Study Analyst. He began his career as a power plant electrician with Northeast Utilities, spending nearly a decade maintaining and troubleshooting electrical systems at Middletown Station and the Millstone Nuclear Power Plant. This experience established a strong foundation in complex building systems, safety-critical environments, and disciplined diagnostic practices.

Thorsten later owned and operated a mortgage company for 13 years, specializing in government-backed loan programs that required detailed property condition evaluations, documentation of required repairs, and verification of compliance prior to funding. This work refined his ability to assess building components, interpret inspection findings, and clearly communicate condition-based recommendations.

His technical background is further supported by experience in the solar industry, where he performed structural reviews for rooftop solar installations, residential electrical and structural site surveys, and field inspections using drones and thermal imaging. Since 2015, he has routinely documented roofs, electrical systems, and building conditions with a level of detail well suited to reserve study fieldwork and analysis.

Thorsten also holds a commercial multi-engine pilot rating and is a certified EMT, having volunteered for nearly a decade—experience that reflects his emphasis on precision, accountability, and methodical decision-making.

He became a partner at Advanced Reserve Solutions in late 2024. In his first year, he conducted over 45 reserve studies, including high-rise buildings in Boston, Massachusetts, and multiple large master-planned communities ranging from approximately 3,000 to over 10,000 homes. Mentored by ARS partner Paul Huijing, P.E., Thorsten is currently working toward his RS designation and contributes a strong field-based, systems-oriented perspective to each reserve study engagement.