



ADVANCED RESERVE SOLUTIONS

## **Curriculum Vitae: Thorsten Bernacki**

### **Thorsten Bernacki**

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Partner: Advanced Reserve Solutions of New England LLC

### **Professional Credentials:**

- Reserve Specialist (RS) – in progress

### **Entrepreneurial & Executive Experience:**

#### ***Advanced Reserve Solutions of New England – 2024–Present***

Dates: 2024 - Present

- Became partner in ARS NE in 2024
- Conducted 45+ reserve studies in first year, including:
  - High-rise residential buildings in Boston, Massachusetts.
  - Large master-planned communities ranging from approximately 3,000 to over 10,000 homes with extensive common facilities.
  - Performs detailed field surveys, component inventory development, and condition assessments.
  - Contributes to reserve study report preparation with emphasis on accurate reflection of site conditions, component performance, and long-term capital planning.
  - Mentored by ARS partner Paul Huijing, P.E., and currently working toward RS designation.

#### ***Mortgage Company Owner & Operator***

Dates: 2000s–2010s (13 years)

- Owned and operated a mortgage company specializing in government-backed loan programs.
- Performed property condition evaluations tied to FHA, VA, and similar loan requirements.
- Reviewed inspection reports, documented required repairs, and verified compliance prior to funding.
- Developed strong proficiency in evaluating exterior envelopes, roofing systems, structural components, and deferred maintenance conditions.

### **Technical & Inspection Experience:**

#### ***Solar Industry – Inspection & Site Survey Work***

Dates: 2015–Present

- Performed structural reviews for rooftop solar installations.
- Conducted residential electrical and structural site surveys.
- Utilized drones and thermal imaging for roof inspections, electrical anomaly detection, and documentation of building conditions.
- Produced detailed photo documentation and field notes well suited to reserve study analysis.

## **Electrical & Trades Experience:**

### ***Power Plant Electrician - Northeast Utilities (now Eversource)***

Dates: 1986 - 1995

Middletown Station, Middletown, CT

Millstone Nuclear Power Plant, Waterford, CT

- Nearly a decade maintaining, troubleshooting, and repairing electrical systems in safety-critical operating environments.
- Gained extensive experience with complex systems, procedural compliance, and disciplined diagnostic methods.

## **Additional Qualifications & Achievements:**

- Commercial Multi-Engine Pilot
- Commercial Drone Pilot
- Emergency Medical Technician (EMT)