



**2024  
BOARD OF DIRECTORS:**

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Erik Hagström  
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Fellow

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**NAPA SOLANO ICC CHAPTER MEETING-October 9th 11am-1pm  
Solano EDC suite 200**

1. **CALL TO ORDER:**
2. **SELF INTRODUCTIONS:**
3. **PLEDGE OF ALLEGIANCE:**
4. **APPROVAL OF SEPTEMBER MINUTES:**
5. **TREASURER REPORT:** Erik Hagström
6. **LUNCH:** Togo's
7. **CODE QUIZ:** Monthly code quiz provided by BPR Consulting
8. **SPEAKER: Gary Klein and Associates:**

**Presentation** Using the Water Demand Calculator in California to Right-size Plumbing in Residential Buildings

- **Learning Objectives**

- \* Learning about the benefits of using the Water Demand Calculator (WDC) in the plumbing designs for residential projects
- \* Understanding where to find resources to learn how to apply the WDC

9. **AGENCIES REPORT**
  - CALBO-California Building Officials
  - ICC Region 1
  - California Energy Commission
  - CBOAC- County Building Officials of California

**10. NEW BUSINESS**

- Installation Dinner; thoughts on a location this year?
- Jurisdictional updates and recruitments?
- Nominations for 2025 Napa Solano Board

**11. OLD BUSINESS**

- Anchored Tiny Home, update discussion from last meeting

**12. INSPECTOR TIME:** Please bring your code items for discussion!

**13. ADJOURNMENT**

## **Gary Klein Bio:**

### **Gary Klein**

Gary Klein, President of Gary Klein & Associates, Inc. has been intimately involved in energy efficiency and renewable energy since 1974. One sixth of his career was spent in the Kingdom of Lesotho, the rest in the United States. Since the early 1990s he has led the effort to incorporate “hot water as a system” into the core principles of building science. After serving 19 years with the California Energy Commission, he has provided consulting on sustainability since 2008, with an emphasis on the water-energy-carbon-health connection. The benefits of right-sizing premise plumbing and water heating systems are currently at the top of his list. Klein received a BA from Cornell University in 1975 with an Independent Major in Technology and Society with an emphasis on energy conservation and renewable energy.

The International Association of Plumber and Mechanical Officials (IAPMO) recognized his efforts in 2014 presenting him their Green Professional of the Year award. In 2015 the Department of Energy awarded him the Jeffrey A. Johnson Award for Excellence in in the Advancement of Building Energy Codes.

Gary Klein

President

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