



## Chuck Shinneman, P.E., CxA, EMP, LEED AP BD+C

» Director of Sustainability and Building Optimization

### EXPERIENCE AND BACKGROUND

Chuck Shinneman, P.E. and certified Commissioning Authority, brings 42 years of comprehensive experience in the engineering and commissioning industry with the past decade focused solely on commissioning. Since joining Capital 10 years ago, Chuck brings a broad scope of expertise to the commissioning arena including an extensive design engineering background which includes HVAC systems, cogeneration systems, plumbing systems, and trend log analysis, energy management, alternative energy systems and LEED certification on a range of projects.

Integral to the commissioning process is the evaluation of operational characteristics of equipment and systems, and Chuck holds significant expertise in evaluating equipment from a first cost and operational cost perspective including warrantee aspects and follow through in the testing period.

### SUMMARY OF RELEVANT PROJECTS

- » 350 Bush Street Mixed-Use High Rise, San Francisco
- » 664 Broadway Mixed-Use Office Building, San Francisco
- » 500 Pine Street Mixed-Use High Rise, San Francisco
- » Bayer CropScience R&D Center, Greenhouse and Pilot Plant, West Sacramento
- » Beale Air Force Base Common Mission Control Center, Medical Clinic and West Wing
- » Blue Shield of California, Lodi
- » California Department of General Services Central Utility Plant, Sacramento
- » CalPERS East / West Building and Lincoln Plaza North, Sacramento
- » CDCR Laguna Springs Corporate Center Buildings C & D, Elk Grove
- » Fausel Professional Building, Placerville
- » Highland Hospital, Oakland
- » Indian Health Service Youth Regional Treatment Center, Hemet
- » Jackson Rancheria Public Safety Building, Jackson
- » Los Angeles World Airports Central Utility Plant
- » Solano County Health and Social Services Building, Vallejo
- » Sutter Health Eden Medical Center Replacement Hospital, Castro Valley
- » Sutter Medical Center Central Utility Plant, Sacramento
- » Sutter Medical Center of Santa Rosa, Santa Rosa
- » Sutter Medical Center, Sacramento
- » TenTen Mixed-Use Low Rise Development, Los Angeles
- » Tractor Supply Co., Anderson
- » Twin Trees Land Company Office Building Retrocommissioning, Roseville
- » UC Davis Agricultural and Natural Resources Office Building
- » VA Sierra Nevada Health Care System, Reno, NV
- » Yosemite Farm Credit Building, Turlock

### EDUCATION

Bachelor of Science, Engineering Technology Air Conditioning and Refrigeration, 1973, California State Polytechnic University, San Luis Obispo

Archibus Facilities Management Program Certification

RetroCommissioning Workshop Series, Pacific Gas and Electric

### PROFESSIONAL REGISTRATION

Professional Engineer, Registration #M20118, California

Certified Commissioning Authority, ACG

Energy Management Professional, Energy Management Association

LEED Accredited Professional, Building Design + Construction

### AFFILIATIONS

American Society of Heating, Refrigerating and Air-Conditioning Engineers

U.S. Green Building Council

### PUBLICATIONS

The Value of Commissioning, American Society for Healthcare Engineering (ASHE), 2010

High Efficiency Lighting, Single-Zone VAV and Utility Monitoring, 2003-2005

Merced County Residential Energy Compliance Standards, 1976