

**ARTHUR JAMES MASKREY III**  
**Associate Specialist**

**PRESENT POSITION**

Associate Specialist

**EDUCATION:**

University of Hawaii, Manoa	Business	MBA, 2000
Arizona State University, School of Architecture	Environmental Planning	MEP, 1980
University of California at Santa Barbara	Environmental Studies (Energy emphasis)	BA, 1978

**EXPERIENCE:**

2012 – Present      *Associate Specialist, HNEI, UH at Manoa*  
Responsible for developing and managing energy efficiency research projects, and others as-assigned. Developing research capacity at UH Manoa through collaboration with other academic entities such as School of Architecture and College of Engineering, and UHM Facilities and Administration.

2010 – 2011      *General Manager, Inovus Solar*  
Built Pacific-region customer network for off-grid solar street lighting products.

2009 – 2010      *VP Technology, Sopogy, Inc.*  
Responsible for converting beta product into ready-to-manufacture specifications; CFD analysis for wind tolerance; new manufacturing techniques; establishing relationships with suppliers and vendors.

2007 – 2009      *VP Business Development and Sales, Sopogy, Inc.*  
Introduced an emerging solar technology to new markets internationally. Responsible for developing projects with small users of high temperature solar thermal production, along with small scale power generation.

2003 – 2007      *Program Manager, Commercial Energy Efficiency Programs-Hawaiian Electric Co.*  
Implemented HECO's commercial demand side management programs designed to reduce energy consumption by encouraging use of standard and customized energy solutions. Responsibilities included building trade ally relationships, promoting energy efficiency through incentives, and educating consumers.

1996 – 2003      *Account Manager, Government and Industrial Sectors. Hawaiian Electric Co.*  
Responsible for large industrial and City & County, and State accounts, including University of Hawaii. Responsible for ensuring largest customers had access to energy efficient solutions offered through both the utility and the private sector.

1994 – 1995      *Program Manager/Conservation Coordinator City of Santa Monica*  
Responsible for City's water, energy and sustainability efforts. Oversaw large scale energy retrofit over all City facilities and supervised Citywide water efficiency programs.

1991 – 1993      *Business Development Manager, DMC (Now operating as Honeywell Utility Solutions)*  
Responsible for developing new energy and water efficiency markets and programs in western region of US. Worked closely with utility to implement large scale deployment of programs targeted to meet specific energy or water objectives.

1984 – 1991      *Vice President, Richard A. Palmer Energy Management Engineering*  
Oversaw building energy analysis department that specialized in building energy simulation, energy design and code compliance. Served as technical advisor on energy to the California Building Industry Association and National Association of Home Builders. Involved in technical review of State energy standards, as well as code compliance standardization efforts.

1982 – 1984      *Energy Analyst/Designer J. Randall Roberts & Assoc. Architects, Costa Mesa, CA*

Served as energy designer and draftsman.

1980 – 1982

*Draftsman/Energy Designer David A. Price, AIA Costa Mesa, CA*

1979 – 1980

*Consultant, Solar Energy Research Institute (SERI)*

Served as consultant to SERI in development of Building Energy Performance Standards and solar design and implementation program.

**PROFESSIONAL AFFILIATIONS**

**Energy Efficiency Portfolio Standards (EEPS) Working Group:** Hawaii Public Utilities Commission. July , 2012 – 2016

**U. S. Green Building Council:** Member

**ACEEE:** Presenter: American Council for an Energy Efficient Economy (non-member resource and research organization) August 2018.

**Past Chair** – Chamber of Commerce of Hawaii, Environmental Affairs Committee, 2004-2011.

**Past President** – Rebuild Hawaii Consortium, 2003-2007.

**Past Member-** Solar Rating Certification Corporation (SRCC) CSP Technical Sub-Committee, 2010-11.

**PROPOSALS SUBMITTED AND/OR AWARDED**

<b>Title of Proposal/Grant</b>	<b>Date of Proposal</b>	<b>Percent of Time allocated to project</b>	<b>Funding Agency</b>	<b>Amount of Proposal (Energy Efficiency Allocation)</b>	<b>Comments</b>	<b>Outcome</b>
Transformative Energy Projects	February 2018	1%	USDOE / ARPA-E	\$1.5 M	Submitted by Dr. Olga Boric-Lubecke, UH Elect. Eng. Dept. (Frog as field rsrch platform)	Full application not encouraged
Buildings Energy Efficiency Frontiers & Innovation Technologies ----- Sensing Occupant Comfort And Energy Requirement	June 2018	1%	Dept of Energy-Building Technologies Office	\$750,000	Submitted by Dr. Olga Boric-Lubecke, UH Elect. Eng. Dept. (Frog as field rsrch platform)	Full application not encouraged
Small Business Technology Transfer (STTR) Phase II ----- Occupancy Estimation and Energy Savings with True Presence Sensors.	May 2018	1%	National Science Foundation	\$750,000	Submitted by Dr. Olga Boric-Lubecke, UH Elect. Eng. Dept. (Frog as field rsrch platform)	Awarded

## **PUBLICATIONS**

### **Peer Reviewed Conference Contributions:**

Maskrey, A. J., S. Cerri, E. Peppard, 2018. Second Generation ZNE: Inheriting the Good Genes. *Proceedings of the American Council for an Energy-Efficient Economy (ACEEE) Summer Study Conference*, Pacific Grove, CA, August 2018.

Contribution to: Conceptualization (85%) Analysis (40%) Writing (75%)

Maskrey, A. J., S. Cerri, E. Peppard, M. Miller. 2016. Positively Net Zero: Case Study of Performance Simulation and Hitting the Targets. *Proceedings of the American Council for an Energy-Efficient Economy (ACEEE) Summer Study Conference*, Pacific Grove, CA, August 23, 2016.

Contribution to: Conceptualization (85%) Analysis (60%) Writing (80%)

## **CERTIFICATIONS**

Completed the nine required Hawaii State Procurement Office certified training courses for GOODS, SERVICES, CONSTRUCTION / Small Purchases; Sole Source; Professional Services categories.