

**Agenda for
Staff Workshop on
Microgrids—Why are Customers Choosing Microgrids and How are they Working**

Tuesday, September 6, 2016
Beginning at 10:00 a.m.
Hosted by the
CALIFORNIA ENERGY COMMISSION.
At the
Secretary of State building
1500 11th St.
Auditorium
Sacramento, California

Purpose: To learn about California customer’s microgrid implementation strategies and challenges with a focus on energy resiliency, renewable integration, costs/benefits performance, lessons learned, how cyber-security is being addressed and efforts to commercialize microgrids in California. This information will provide technical data and information for the 2016 joint-agency (CEC, CPUC and CA ISO) effort to develop a microgrid road map for the commercialization of microgrids in California.

Agenda

Time	Item	
10:00 a.m.	<p>Welcome</p> <p>Introductions Agenda Review</p> <p>California Independent System Operator <i>How Microgrids will work in Future ISO Markets</i></p> <p>California Public Utilities Commission How Microgrids fit into future CPUC Rulemakings</p> <p>Department of Defense: <i>Using Microgrids to Meet the Military Energy Resilience and Climate Change Goals</i></p> <p>USAF Microgrid Activities at Beale AFB</p> <p>Miramar MCAS Microgrid</p>	<ul style="list-style-type: none"> ➤ Chair Weisenmiller ➤ Mike Gravelly, R&D Division ➤ Peter Klauer CA ISO ➤ Gabe Petlin CPUC ➤ Michael Wu Special Assistant ASAF IE&E ➤ Mick Wasco Installation Manager

	<p>Department of Defense: <i>Using Microgrids to Meet the Military Energy Resilience and Climate Change Goals</i></p> <p>Naval Base Ventura County Microgrid (Port Hueneme CA)</p> <p>Open Discussion</p>	<ul style="list-style-type: none"> ➤ Robert Schainker EPRI ➤ All
	Lunch – 12:00-1:00 p.m.	
1:00 p.m. –	<p>EPIC Funded Microgrids <i>Implementation Strategy and Challenges</i></p> <p>SDG&E-Borrego Springs</p> <p>Charge Bliss-Kaiser Hospital</p> <p>Humboldt State University-Blue Lake Rancheria</p> <p>Gridscape Solutions-Fremont Fire Stations</p> <p>Open Discussion</p>	<p>PIs for each Microgrid</p> <ul style="list-style-type: none"> ➤ Thomas Bialek SDG&E ➤ David Bliss Charge Bliss, Inc. ➤ David Carter Humboldt State ➤ Vipul Gore Gridscape Solutions ➤ All
3:00 p.m. –	<p>Panel Questions and Open Discussion Moderator: Jim Reilly DOE/OE Consultant</p> <p>What are the key values of a microgrid?</p> <p>What are the major lessons learned so far that you can pass on to others?</p> <p>What steps should be done to help develop a business case to enable microgrids to be commercialized?</p> <p>What barriers or actions can be identified that the California Roadmap should address?</p> <p>Open Discussion</p>	<p>Panel Members:</p> <ul style="list-style-type: none"> ➤ Michael WU ASAF IE&E ➤ Thomas Bialek SDG&E ➤ David Bliss Charge Bliss Inc. ➤ Robert Schainker EPRI ➤ All
4:30 p.m.	Closing Comments and Next Steps	<ul style="list-style-type: none"> ➤ Mike Gravely