



Expeditionary Base Camps

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Fort Hunter Liggett Command Operations Center and Supporting Facilities for approximately 200 personnel



US Navy photo

Expeditionary Basecamp Data Collection



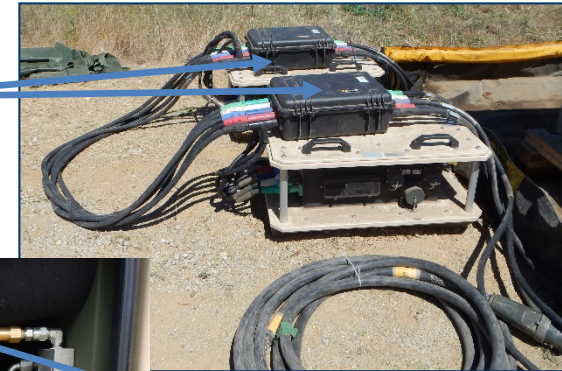
• Purpose

- Gather baseline power and energy data for comparison to new energy efficient technologies

• Data collected

- Power / Energy
- Temperature / Humidity
- Occupancy / Light
- Weather
- Camp wide and individual facility granularity (includes facility movement)
- Per minute logging

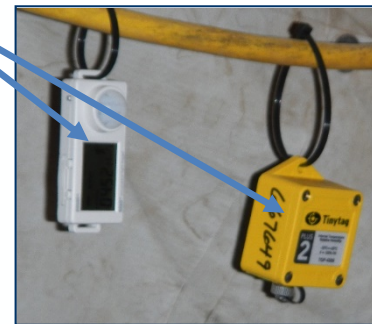
Electrical



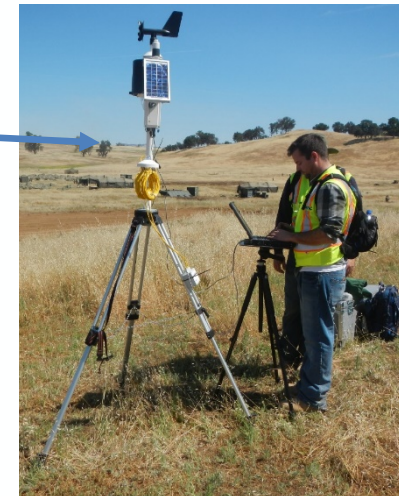
Fuel



Temperature / Humidity & Occupancy / Light



Weather



US Navy photos

- **Reduced fuel use at the base camp reduces need to transport fuel**
 - Saves lives and dollars
- **Data set already provided justification for implementation of:**
 - More efficient Gen Sets
 - Automated load matching micro grids
 - Insulated tent liners
 - More efficient Environmental Control Units (ECU)
- **Need to find ways to increase efficiency through judicious use of facilities (for example automated thermostat adjustment)**

