



**NAVFAC HAWAII PUBLIC AFFAIRS INTERNAL NEWSGRAM**  
(Approved for internal distribution)

**May 9, 2013**

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**Newsgram 3: Status of Advanced Metering Infrastructure Project at JBPHH**

The Advanced Metering Infrastructure (AMI) project at Joint Base Pearl Harbor-Hickam (JBPHH) is currently at 70 percent complete.

“JBPHH has only a few buildings left that will receive new wireless electricity meters,” said LTJG Robert Noble, Naval Facilities Engineering Command (NAVFAC) Hawaii construction manager, “and then the recently upgraded water meters on Hickam Field will be incorporated into the design at a cost savings to the taxpayer.”

The Navy on Oahu determined that all facilities using \$25,000 worth of electrical power annually or 10,000 kWh monthly would be metered and all facilities that use \$50,000 worth of water annually or 1,500 Kgals monthly for irrigation or 550 Kgals of domestic water monthly would be metered to meet the various energy goals and mandates from the federal government.

NAVFAC Hawaii awarded a design build contract to Weston Solutions Inc. for \$10,191,053 to install AMI on Oahu.

“Testing and calibration continues JBPHH, site inspections and post-installation survey visits are taking place on Camp Smith, Wahiawa Annex, and Lualualei/West Loch,” said Noble. “These last locations represent the final phase of the project.”

Once all AMI equipment, meters and communications network is in place, then testing, training, and acceptance of the system will occur. When operational, energy consumption and water usage data will be available as often as every 15 minutes. Energy managers and customers will have up-to-date information available to help them meet their energy and water consumption goals.

“Local commands and building tenants have been very supportive in the execution of this contract,” said Noble. “Faced with power outages to their buildings in support of installing these advanced electric meters, creative scheduling has been used to lessen the impact to the customers’ missions.”

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## 2-2-2-2 Status of Advanced Metering Infrastructure Project at JBPHH



130416-N-OF713-007 JBPHH HI (Apr. 16, 2013) Weston Solutions (contractor) is installing a special data logging module to a water meter Apr. 16 that is similar to others placed throughout Joint Base Pearl Harbor-Hickam to collect water usage data. The device is encased in a weatherproof housing and contains a long-life lithium battery. They can be read by a handheld computer which is connected another device with drive-by capabilities for data collection. *(U.S. Navy photo by Denise Emsley, NAVFAC Hawaii Public Affairs Officer/Released)*



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130418-N-OF713-007 JBPHH HI (Apr. 18, 2013) Collected electricity data is transmitted via an antenna placed on the roof of the Navy Lodge on Ford Island, building 78, similar to others installed throughout Joint Base Pearl Harbor-Hickam. *(U.S. Navy photo by Denise Emsley, NAVFAC Hawaii Public Affairs Officer/Released)*

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For information about NAVFAC Hawaii, visit the command's website at [www.navfac.navy.mil](http://www.navfac.navy.mil) or call Denise Emsley, Public Affairs Officer, at 808-471-7300 ([denise.emsley@navy.mil](mailto:denise.emsley@navy.mil)). Become a Fan at [www.facebook.com/navfac](http://www.facebook.com/navfac) and follow us at [www.twitter.com/navfac](http://www.twitter.com/navfac), or visit our Photostream on Flickr at <http://www.flickr.com/photos/navfac>.

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