



Army Central Metering Program

Program Manager 256-895-1346

U.S. ARMY CORPS OF ENGINEERS

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Since 2005, the Army has been working to meter Army facilities through the Army Central Metering Program (AMP). The U.S. Army Corps of Engineers is the Army Program Manager for the AMP. The U.S. Army Engineering and Support Center, Huntsville, manages and executes the program and projects.

Mission

Army installation facility energy and water use will be metered as directed and incorporated into energy monitoring systems to provide effective, accurate and compliant collection and reporting for timely energy management and accountability (EXORD Order 028-12). Per Army Directive 2014-10 (Advanced Metering of Utilities), meters must be connected to the Army Meter Data Management System (MDMS) as quickly as practical for installations using an accredited metering system (does not include civil works or contingency sites). AMP requires all installed meters that are part of the reporting infrastructure meet or exceed all specifications stated by the contract regardless of the source or ownership of the meters. If an existing meter does not meet the minimum specifications in all areas, then it will be replaced, or if replacement is impractical due to ownership or other contractual issues that prohibit replacement, an additional meter will be installed on the load side of any existing meter. Regardless of the funding source or contract vehicle used to procure/install, all new meters shall meet all specifications required by the metering program to include compatibility with the planned Army meter data network and full, unconditional access to the meter data for which the Army has responsibility and accountability irrespective of metering equipment/network ownership.

Army Central Metering Program Tasks as defined by EXORD 028-12:

- Develop and maintain meter standards
- Meter buildings for utilities, as cost effective, and provide data management capability, sub meter for tenants and operations
- Chair or participate in key working groups across the Army
- Develop and maintain a database of all Army programs with meters
- Ensure Army metering systems planned and installed by other than the AMP conform to technical direction and guidance of the AMP

Sustainability and Energy Center of Expertise (CX) for Metering: The Huntsville Center has been designated as a CX, with the purpose to develop, maintain and disseminate technology and data related to metering.

Key Customers: The Army customer base for the metering program includes the Office of the Assistant Chief of Staff for Installation Management, Installation Management Command, Medical Command, Army National Guard, U.S. Army Reserve, Army Materiel Command and Headquarters U.S. Army Corps of Engineers. Other customers who have chosen the AMP to execute portions of their mandated metering programs include the Defense Logistics Agency, Air Force and Marine Corps.

Status: To date, 75 percent of the baseline AMP electric meters have been connected to the Army enterprise-wide Meter Data Management System (MDMS) with the goal of all meters reporting by the end of FY16. The next phase of the AMP will proceed through and beyond FY18 to integrate existing meters and install gas, water and steam meters for key Army facilities and to maintain the installation level data management systems. An inventory was completed in FY15 to identify existing meters that can be brought online. Task orders are currently issued to contract holders under various Multiple and Single Award Task Order Contracts (MATOCs/SATOCs). At the time of this writing over 20,000 meters for various Army facilities are reporting to MDMS with plans for integrating legacy meters from over 8,000 identified.

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