



Energy Policy Act of 2005



Behind the
Wheel:
Management
Focus

Section 103 States – By October 1, 2012,...all Federal buildings shall, for the purpose of efficient use of energy and reduction in the cost of electricity used in such buildings, be metered...advanced meters or advanced metering devices that provide data at least daily and at least hourly shall be used.

www.eere.energy.gov/femp/pdfs/adv_metering.pdf



USMC Camp Pendleton



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- Over 1200 buildings spread out over 125,000 acres covering approximately 200 square miles of terrain.
- Scope of work: Approximately 300 meter locations throughout the base.
- Cost effectiveness: Based on a 10-year payback.

What To Meter? Why?



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- Larger facilities that a desired energy savings is sought. A meter installation on a 24,000 Sq. Ft building vs. guard shack.
- Provides in-depth knowledge of a facility. The metering helps identify changes in operation. The data collected can provide a comparison of buildings of similar size and function.
- Bottom line: You have to do something with the meter information once the meter is installed.



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- Location, location, location
- Security
- Compatibility
- Installation of new meter set
- Meters are to meet local utility standards for installation
- Seamless with current billing system



Automatic Meter Reading



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- Expandability
Gas and Water
- Implemented into base wide construction specification.
- Metering raises the awareness of energy consumption to the building occupant. That awareness alone helps create savings opportunities.