

# Collect Your Data via Satellite

September 21 2004

---

MeterSmart, the foremost expert in energy data management for utilities and an energy information service of Hunt Power, today announced what may be the utility industry's most innovative meter data collection service. The new MeterSmart offering allows utilities to collect accurate meter data across the globe, including rural and remote areas, via a deployed constellation of more than 25 orbiting [satellites](#). Satellite data communication for metering, scarcely affordable or available prior to now, is more reliable in remote areas than cellular technologies because it clears any interference caused by large natural or man-made obstructions, plus it is accessible where rugged terrain prevents installing phone lines at a reasonable cost.

"Today marks an important milestone in the utility industry, especially for those with customers in areas where cellular and landline phone services are outdated, unreliable or inaccessible," said Daniel Price, president of MeterSmart. "Utilities have consistently demanded a simple, efficient means to collect data throughout their entire service territories, and this is the first technology to actually meet that demand at an affordable cost."

With this service offering, MeterSmart will apply its MDMA-certified procedures to read meter data via satellite daily and provide the data to utilities' MV-90 systems or other common utility software platforms. It can then be compiled and analyzed for any number of purposes. These may include forecasting the next day's demand requirements through quickly and easily aggregating substation loads. Other examples include load profiling, demand response programs, demand-side management,

creation and modification of utility marketing programs, other types of substation monitoring and billing and settlements.

The two-way satellite service, with general availability in the fourth quarter of 2004, will initially be offered using GE KV2 socket-based meters at the customer site or MeterSmart non-socket meters, including the MeterSmart 5000 advanced meter or the MeterSmart Interval Data Recorder (IDR). The MeterSmart 5000 and IDR record data on a 15-minute basis and can also read gas meters, water meters, thermostats or pressure readings.

Citation: Collect Your Data via Satellite (2004, September 21) retrieved 25 April 2024 from <https://phys.org/news/2004-09-satelite.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.