

# The Sterling Municipal Light Department (SMLD) offers services that save you more!

## THE CONCERNS

- A growing population ...
- Energy consumption by that increased population ...
- Electricity demand goes up ...
- The State of Massachusetts calls for conservation ...
- Customers want choices in how they conserve energy...
- Natural resources are limited ...
- What can be done?



The solution to these concerns is to manage the usages, the resources, help customers to be more energy-efficient by allowing them to make choices.

The following is the plan the SMLD will follow:



## THE PLAN

### ADVANCED METERING INFRASTRUCTURE (AMI)

- The plan is to:** manage the usage, the resources and to help customers to be more energy-efficient.
- By what means:** the SMLD will use AMI, which is advanced metering infrastructure. It is a system that measures, collects and allows the analysis of energy usage from advanced devices. An AMI system allows the SMLD to get meter reads from the meter on your home (or place of business) back to a computer at the SMLD over a 900 MHz radio frequency.
- How does it work:** the read on your meter is taken electronically at a certain time each month and is sent to a unit called a collector. The collector then sends the information onto an SMLD computer for processing.
- The benefits:** With automated, two-way communications between our advanced meters and our back-end IT Infrastructure, we promise significant benefits in operational and energy efficiency, and improved customer service. The most outstanding benefit to the customer is that with AMI technology, the SMLD can serve its customer better with almost instant information at our fingertips.

Efficient power  
failure detection

Efficient load  
profiling

Immediate final  
and initial reads

Customers can  
review usage  
(future)

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