

# SMART GRID

## *Advanced Metering Infrastructure (AMI) Training*



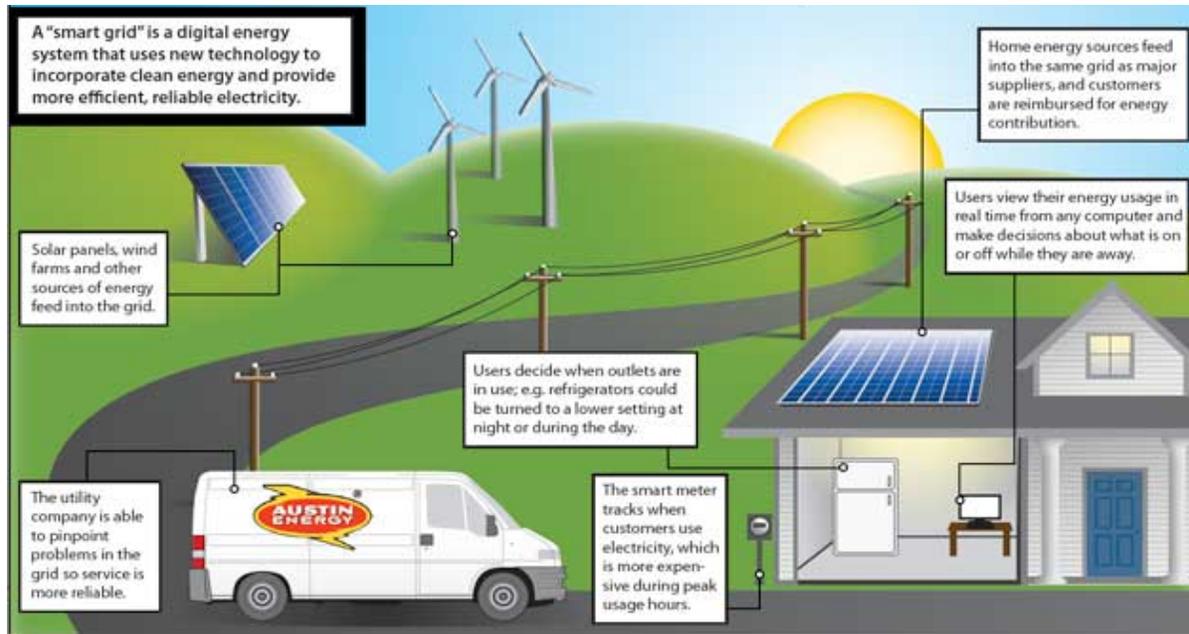
### **What is Smart Grid?**

A Smart Grid is a form of electricity network utilizing digital technology. It delivers electricity from the utility company to consumers using two-way digital communications which saves energy, reduces costs and increases reliability of network management and power distribution.

### **What is AMI?**

Advanced Metering Infrastructure (AMI) are system that measure, collect and analyze energy usage and allow the utility company to communicate directly with the meter on demand or on a scheduled basis.

## How A Smart Grid Works



## Training Offered

The Smart Grid hardware installation and maintenance program will provide participants the training, certification and skills necessary to obtain employment within Kentucky's leading energy industry employers.

Participants will be trained to install, maintain and repair Smart Grid equipment, with one-week of hands-on training. This training will improve participants' employment outcomes as they foster the development of a state workforce that is ready to meet the demands of the energy efficiency and renewable energy industries. Experienced energy industry employees will serve as the instructors for these courses and will certify the expertise of participants who successfully complete the program.

The number of participants is limited to ensure that each student receives sufficient individual attention and has the opportunity for ample hands-on experience. After assessment and prior to enrollment into the program, any participant needing basic skills remediation will have their needs addressed through Cumberland's Workforce Investment Act (CWIA) referrals to local, basic skills education providers.



## Training Benefits

The purpose of this training program is to provide individuals with the knowledge and skill necessary to obtain employment within the growing industries and occupations identified as High Growth and Emerging Industries in order to implement long-term energy solutions while providing new skills and worker competencies necessary to facilitate a “green collar” workforce.

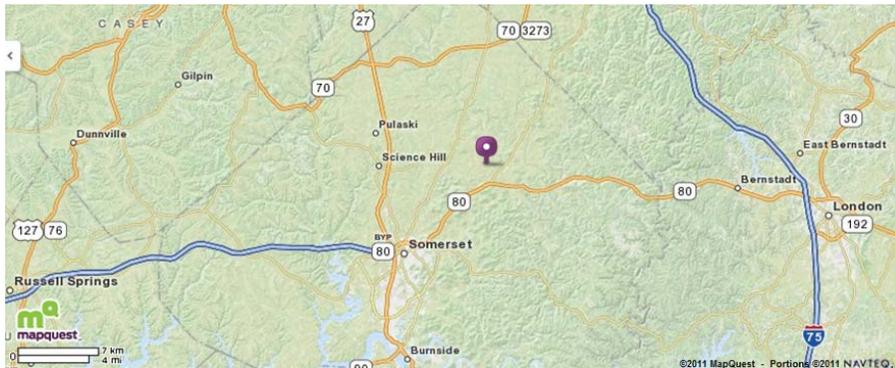
Target populations for this training program are incumbent workers in the energy and housing industries, as well as other construction trades, including:

- Electrical Contractors
- Electrical Engineers
- Linemen
- Meter Technicians
- Energy Auditors
- Line Construction Contractors
- Substation Technicians

The need to prepare and connect the existing workforce to emerging industry trends requires the skill-sets to keep pace with energy efficiency standards. Employment and career opportunities for those trained in Smart Grid hardware will lead to increased wages and advancement.

## Training Schedule

Classes will be held at:  
*Regional High Growth Training Center*  
347 Coin Road  
Somerset, KY 42503



For more information about Smart Grid classes, call  
606-274-0060  
or e-mail  
[doug@lcadd.org](mailto:doug@lcadd.org) or [karenp@lcadd.org](mailto:karenp@lcadd.org)

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*Training provided through*



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