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Keep your eye on these energy-efficiency technologies—they could be game-changers for utilities.



## Game-Changing Technologies from 2013

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<http://www.esource.com/email/ENEWS/2014/Top5-Tech>

Some remarkable new energy-efficient technologies emerged in 2013 that have the potential to radically alter the landscape of our industry. We asked the E Source tech team to reflect on the best technology developments of the past 12 months. Here are their top five:

### 5. The Emergence of Grid-Interactive Water Heaters

Electric water heaters have gotten a bad rap as energy hogs. But in 2013, they emerged as a technology that can be used as thermal batteries. When these water heaters are equipped with two-way communication capabilities, utilities can see the state of “charge” (temperature) in the tank; ramp that temperature up when it’s cheap; and let it “discharge” in times of high demand, when heating the tank is expensive. Grid-interactive water heating could easily become the next big thing in demand-response programs.

### 4. Cloud Thermostats Offer Big Savings in Small Commercial Spaces

### 3. Energy Analytics Tools Come of Age

### 2. Low-Temperature Energy Recovery Comes to Residential Furnaces

### 1. Energy Savings Verified for Single-Zone Variable-Air-Volume Retrofit Kits

Learn more about the technologies in our top-5 list and see the other 15 that we recognized in [Top 20 Technologies and Trends of 2013](#) (for members of the *E Source Technology Assessment Service*).

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#### Talk back!

Let us know what you think. If you want to weigh in or chat about this topic, just send a message to [Kym Wootton](#), E Source senior manager of Marketing & Communications.