



Comments of EnergySavvy – In Conjunction With the Illinois Power Agency’s June 18, 2014 Workshop on Energy Efficiency as a Supply Resource

EnergySavvy specifically responds to the Illinois Power Agency’s question 4, as to how delivery of demand-side resources can be metered and/or verified, underlining both recent advancements in technology and their benefits.

As utilities have increased their commitment to energy efficiency, technology has evolved to allow highly sophisticated EM&V 2.0 affording many advantages to regulators, utility companies and utility customers. EM&V 2.0 is an industry-wide effort to make evaluation, measurement, and verification more valuable and effective by using a combination of techniques including automated metering infrastructure, interval meter data, non-intrusive load monitoring, embedded metering, and large-scale data analysis.

The latest in EM&V 2.0 technology includes an energy efficiency meter, a software and metering approach to tracking savings in a measure-as-you-go manner. This technology provides ongoing quantification of metered savings, a reading at a point in time of the savings-to-date. The benefits of this measure-as-you-go approach include:

- a) Providing unparalleled transparency for regulators and customers to monitor energy efficiency program performance;
- b) Allowing actual program measurement and oversight in real time, providing superior understanding of how the program is doing at a lower cost;
- c) Allowing course corrections and program implementation changes in real time;
- d) Using the data from a program’s current year to inform development of next year’s plan;
- e) Using energy efficiency data in utility resource planning and to achieve recognition in capacity or other markets;
- f) Providing more comfort and efficiency in homes and businesses at a lower cost;
- g) Helping ensure that existing energy efficiency programs meet customer needs by making programs more accessible, useable, streamlined and cost effective;
- i) Leading to higher participation rates in energy efficiency programs based on better program participation experiences for customers;
- j) Providing data collection tools for energy efficiency program managers which enhance their ability to identify, in real time, program efforts that are working and cost effective, and those that are not. This allows gravitation and conversion to the most effective



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measures in real time.

Energy efficiency is also critical to the grid of the future and real time measurement empowers planners and schedulers with knowledge necessary to gain full advantage of efficiency efforts. In the modern era, energy efficiency should be tracked in a responsible way, using the “**best available technology**”.

In addition, today’s technology is responsive and flexible in adapting to the needs of regulators, industry and consumers allowing better decision-making and optimal program results.

About EnergySavvy

EnergySavvy is a leader in cloud-based software for the utility industry, dedicated to making energy efficiency more controllable and transparent. EnergySavvy’s enterprise demand-side management software platform unlocks value by creating modern customer experiences and delivering predictability to the industry. Utilities use EnergySavvy to reach one-third of American homes and businesses in more than 20 states.