

Rep. Tom Sloan (R, Lawrence), a member of the GridWise Architecture Council (GWAC) participated in a Transactive Energy (TE) Workshop to develop a Policy-Maker's Checklist. Transactive Energy is the evolving capability of an electric utility customer to purchase or sell electricity based on price. The customer can buy or sell electricity from/to the utility or engage in transactions with other customers. Transactive Energy can also include an electric utility customer selling demand response (energy conservation) electric load reduction to the utility.

While Transactive Energy transactions are relatively unknown to most electric customers, those that generate some or all of their electricity needs (e.g., from solar panels and storage devices) and utilities are well aware of the ability to combine communications about utility prices and energy capabilities/needs with the customer's ability to contribute to meeting the utility's needs by purchasing, selling, or conserving energy. The key for both parties is to monetize the value to each.

GWAC is developing a Decision-Maker's Transactive Energy Checklist to guide policy-makers and regulators in identifying when conditions exist for such transactions to occur, how to ensure fairness and openness in conducting such transactions, and how to protect customers that are unable or unwilling to participate in this market. Rep. Sloan is a leader in developing the Checklist because of his knowledge of legislative and regulatory practices and the electric industry's operations.

Rep. Sloan is Chairman of the Vision 2020 Committee and a member of both the Transportation and Agriculture & Natural Resources Committees. GWAC was created by the U.S. Department of Energy and provides guidance to the Department and other energy sectors by developing the theoretical guidelines for the electric grid's operations.