ABSTRACT

Methods and Systems for Analyzing Energy Usage

Systems and methods consistent with the present invention allow an energy consumption index to be generated from DR response data and influencer data. The energy consumption index may indicate the energy consumption of a consumer before receiving a DR signal, the change in the consumption after the consumer receives a DR signal, and the consumer's propensity to respond to a DR signal. Systems and methods consistent with the present invention also allow energy providers to monitor, forecast, and plan for changes in consumer demand for energy. Various energy planning tools may facilitate an energy provider's ability to monitor, forecast, and plan for such changes.

Figure 6