

Energy Efficiency Application System and Method of its Use for Empowering Consumers to Perform Energy Usage Audit at Home via Energy Data Aggregation of Electronic Appliances and Devices

A method of enabling a user of a power consuming devices to acquire energy consumption knowledge includes the steps of identifying a user communicating with a database, associating a physical and virtual environment of power consuming devices with the identified user, retrieving power consumption data with existing product information from the database, displaying to the user data of power consumption of a plurality of physical and virtual devices in the associated physical and virtual environment based on the current status of each device, and providing closed-loop feedback from the user to promote energy efficient devices and usage behavior of the user in the associated physical and virtual environment.