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(57) Abstract :

A system and method for monitoring and managing electrical/electronic device within a dynamic environment. A receiving unit (e.g., a micro controller) for sending and receiving status signals with respect to an electronic/electrical entity within the dynamic environment. An energy management server configured with a universal energy management application receives at least one signal with respect to the electronic/electrical entities within the dynamic environment and provides appropriate response to the receiving unit. A communication device having a web browser application provides at least one variable with respect to the electrical/electronic entity. The energy management server efficiently handles the operation of electrical entities within the dynamic environment by sending appropriate response to the receiving unit for controlling the operations of the electrical entities.

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