

ABSTRACT

WIDE-AREA ELECTRICAL DEMAND AND SUPPLY MANAGEMENT

A system and a method remotely monitor electrical and/or mechanical equipment where a user may interactively alter the operation of a piece of equipment remotely. As the operation of a device may be altered remotely, a corresponding resource-consumption amount may also be remotely controlled and adjusted. An embodiment of the present inventions is directed to remotely adjusting, or causing the remote adjustment, of the use, state, parameters or characteristics of a device, process or both, for reducing resource demand and/or adding to the resource supply. The remote adjustment may originate from a user associated with the devices, a supplier of a resource for operation of the devices, a utility industry participant, a third party, government entity, a trader or any other entity. The adjustment of resource-consumption may be based on a triggered event/condition, a predetermined schedule or other defined scheme.

Figure 1