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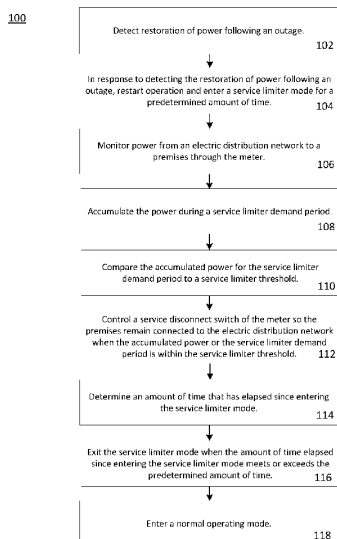


FIG. 1

(57) Abstract: Systems and methods for management of the connection of cold loads to an electrical distribution network are disclosed. One disclosed system for managing connection of cold loads to an electrical distribution network includes an electric meter configured to detect a restoration of power following an outage, and in response to detecting the restoration of power following the outage, restarting operation and entering a service limiter mode. The electric meter remains in the service limiter mode for a predetermined period of time. While in service limiter mode, the electric meter accumulates power and compares the accumulated power to a threshold value to determine whether to control a service switch to connect or disconnect one or more loads from an electrical distribution network. After another predetermined period of time, the electric meter may reconnect the one or more loads to the electrical distribution network and return to normal operations.

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