CLAIMS

1. A portable atmospheric water generator for operating in an environment with ambient air and generating potable water therefrom, the portable atmospheric water generator comprising:

a water production element configured to transform water vapor from the ambient air to liquid water; and

a computer element;

wherein:

(a) the portable atmospheric water generator includes one or more dynamic components;

(b) each of the one or more dynamic components having a respective active state which results in a respective acoustic signature audible to humans;

(c) the computer element is programmable with a noise control schedule, the noise control schedule being configured to include times when one or more of the dynamic components are automatically maintained in a respective reduced activity state or inactive state; and

(d) the computer element is configured to be placed in network communication with a calendaring program operating from another node in the network, the noise control schedule being modifiable by way of the calendaring program.

2. A portable atmospheric water generator as defined in claim 1 in which:

(a) the network is a LAN of an office environment, and

(b) when a meeting scheduled in the calendaring program to take place in a room in which the portable atmospheric water generator is located, one or more of the dynamic components are automatically placed in their respective reduced activity state or inactive state for the duration of the scheduled meeting.

3. A portable atmospheric water generator for operating in an environment with ambient air and generating portable water therefrom, the potable atmospheric water generator comprising:

a water production element configured to transform water vapor from the ambient air to liquid water; and

a computer element;

wherein:

(a) the portable atmospheric water generator includes one or more dynamic components;

(b) each of the one or more dynamic components having a respective active state which results in a respective acoustic signature audible to humans;

(c) the computer element is programmable with a noise control schedule, the noise control schedule being configured to include times when one or more of the dynamic components are automatically maintained in a respective reduced activity state or inactive state; and

(d) the computer element is configured to be placed in network communication with an automated home appliance control scheduler, the noise control schedule being modifiable by way of the home appliance control scheduler.

4. A portable atmospheric water generator for operating in an environment with ambient air and generating potable water therefrom, the portable atmospheric water generator comprising:

(a) a water production element configured to transform water vapor from the ambient air to liquid water; and

(b) a computer element programmable with an energy control schedule, the energy control schedule being configured to include times when one or more electrical energy consuming components of the portable atmospheric water generator are automatically maintained in a respective reduced power state or off state;

wherein the computer element is configured:

(a) to be placed in network communication with an electric utility company for receiving therefrom periodic or real-time power grid demand data indicating high-demand times; and

(b) to modify the energy control schedule to reduce the amount of time one or more of the electrical energy consuming components are in their active state during the indicated high-demand times.