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maintaining an amount of consumption of the received electrical energy via an other of the loads of the appliance during at least a portion of the period of time.

3. The method of claim 1 wherein the monitoring comprises monitoring an electrical characteristic of the electrical energy of the power distribution system.

4. The method of claim 3 wherein the adjusting comprises adjusting responsive to the electrical characteristic triggering a threshold.

5. The method of claim 4 further comprising varying the threshold at a plurality of different moments in time.

6. The method of claim 4 further comprising varying the threshold at a plurality of different moments in time corresponding to respective power-up operations of the appliance at different moments in time.

7. The method of claim 3 wherein the monitoring comprises monitoring the frequency of the electrical energy.

8. The method of claim 7 wherein the monitoring comprises monitoring frequency of the electrical energy distributed to the appliance by the power distribution system.

9. The method of claim 1 wherein the monitoring comprises monitoring using control circuitry proximately located with respect to the appliance.

10. The method of claim 9 wherein the control circuitry resides within the appliance.

11. The method of claim 9 wherein the receiving comprises receiving the electrical energy via a node of the power distribution system, and the controller monitors the electrical energy at the node.

12. The method of claim 1 wherein the adjusting comprises initial adjusting, and further comprising other adjusting the amount of consumption of the received electrical energy via the one of the loads to the initial level of consumption after the initial adjusting.

13. The method of claim 12 further comprising determining a variable length of time after the adjusting, and the other adjusting is responsive to the determining.

14. The method of claim 13 wherein the determining comprises determining a random length of time.

15. The method of claim 13 wherein the determining comprises determining the variable length of time according to a statistical distribution.

16. The method of claim 1 wherein the adjusting comprises adjusting the amount of the consumption to the other level of the consumption at a plurality of different moments in time, and further comprising operating the one of the loads at the other level of consumption for a plurality of different lengths of time at the respective different moments in time.

17. The method of claim 1 wherein the amount of the consumption during the other level of consumption is less than the amount of the consumption during the initial level of consumption.

18. The method of claim 1 wherein the one of the loads consumes substantially none of the received electrical energy during the other level of consumption.

19. The method of claim 1 wherein the adjusting comprises sending a control signal from a controller to the one of the loads.

20. The method of claim 1 further comprising:

providing an override indication after the adjusting; and further adjusting the amount of consumption of the received electrical energy via the one of the loads to the initial level of consumption responsive to the override indication.

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21. The method of claim 1 wherein the adjusting comprises adjusting the amount of consumption of the received electrical energy via a compressor of a compressor system in a hot gas bypass operation.

22. The method of claim 1 wherein the receiving comprises receiving within the appliance located at a customer location, and at least one of the monitoring and controlling comprises using control circuitry located at the customer location.

23. The method of claim 22 wherein the control circuitry comprises a system controller.

24. The method of claim 22 wherein the control circuitry comprises control circuitry of a power management device coupled with the appliance.

25. The method of claim 22 wherein the control circuitry comprises control circuitry of the appliance.

26. The method of claim 1 wherein the providing the appliance comprises providing an HVAC system.

27. The method of claim 26 wherein the adjusting comprises adjusting a temperature set point of a thermostat of the HVAC system.

28. The method of claim 26 wherein the adjusting comprises controlling cooling equipment of the HVAC system.

29. The method of claim 26 wherein the adjusting comprises controlling heating equipment of the HVAC system.

30. The method of claim 26 wherein the adjusting comprises controlling a damper of the HVAC system.

31. The method of claim 26 wherein the adjusting comprises controlling a fan of the HVAC system.

32. The method of claim 26 wherein the adjusting comprises canceling a defrost operation of a heat pump of the HVAC system.

33. The method of claim 1 wherein the providing the electrical appliance comprises providing a clothes dryer.

34. The method of claim 31 wherein the adjusting comprises adjusting the amount of consumption of the received electrical energy via one of the loads of the clothes dryer comprising a heating element.

35. The method of claim 34 wherein the adjusting comprises reducing an amount of current of the electrical energy applied to the heating element.

36. The method of claim 1 wherein the providing the electrical appliance comprises providing a clothes washer.

37. The method of claim 36 wherein the adjusting comprises adjusting the amount of consumption of the received electrical energy via the one of the loads of the clothes washer comprising a heating element.

38. The method of claim 36 wherein the adjusting comprises adjusting the amount of consumption of the received electrical energy via the one of the loads of the clothes washer comprising an agitator motor.

39. The method of claim 1 wherein the providing the electrical appliance comprises providing a water management system of one of a spa and a pool.

40. The method of claim 39 wherein the adjusting comprises adjusting a temperature set point of the water management system.

41. The method of claim 39 wherein the adjusting comprises adjusting water circulation operations of the water management system using the one of the loads comprising a water circulation motor.

42. The method of claim 39 wherein the adjusting comprises adjusting water heating operations of the water management system using the one of the loads comprising a water heating element.

43. The method of claim 1 wherein the providing the electrical appliance comprises providing a dish washer.