FIG. 1

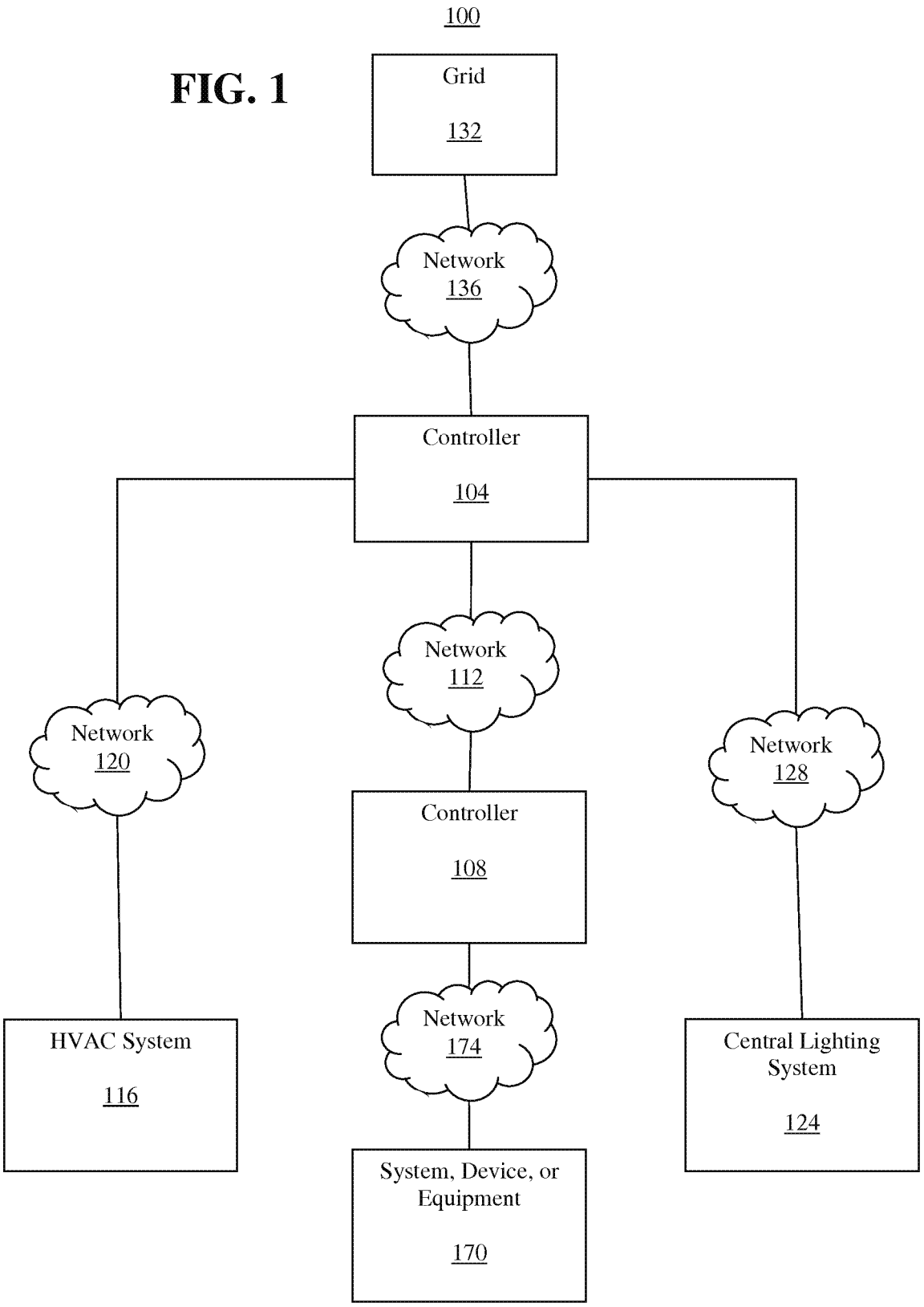
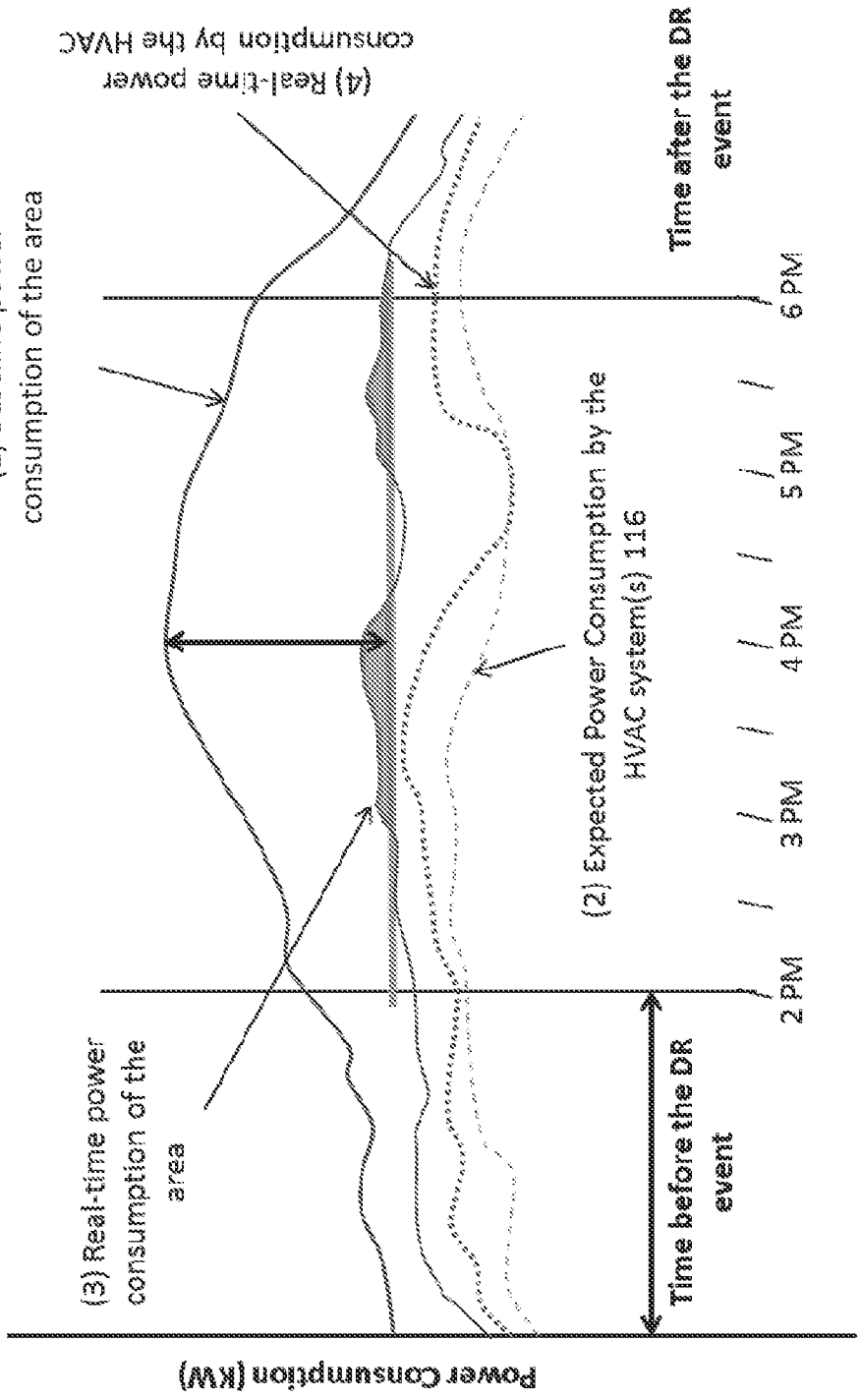
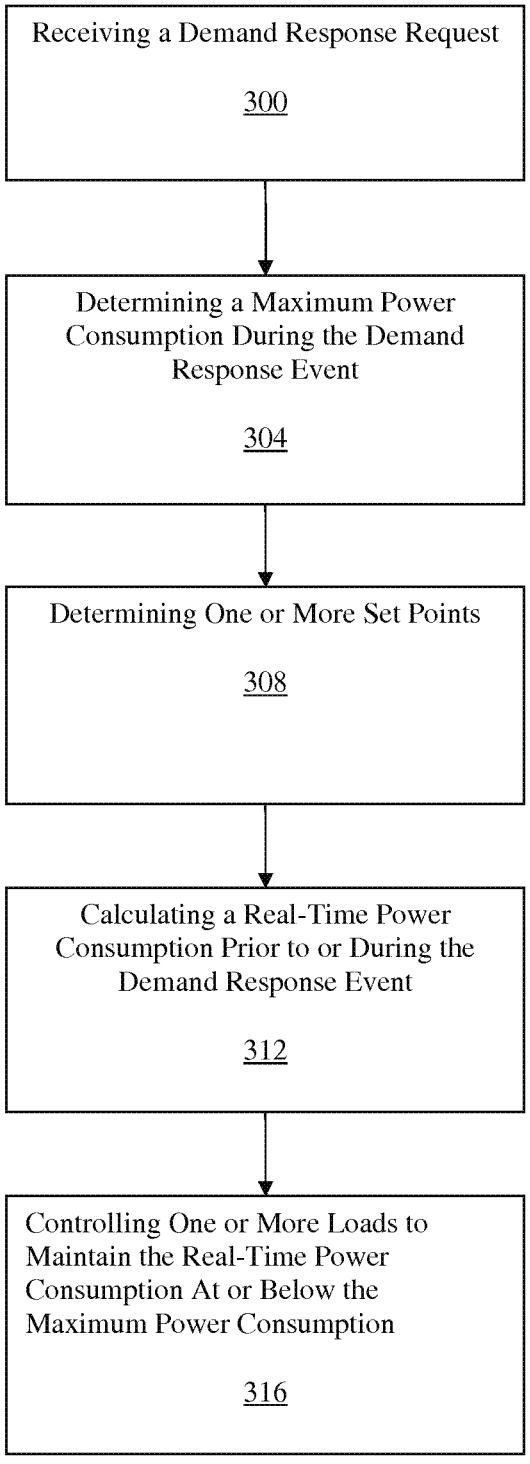

100
Grid
132
Network
136
Controller
104
Network
112
Network
120
Network
128
Controller
108
Network
174
HVAC System
116
Central Lighting System
124
System, Device, or Equipment
170

FIG. 2


(4) Real-time power consumption by the HVAC
(1) Baseline power consumption of the area
Time after the DR event
6 PM
5 PM
4 PM
3 PM
2 PM
(2) Expected Power Consumption by the HVAC system(s) 116
(3) Real-time power consumption of the area
Time before the DR event
Power Consumption (kW)

# FIG. 3


Receiving a Demand Response Request
300
Determining a Maximum Power Consumption During the Demand Response Event
304
Determining One or More Set Points
308
Calculating a Real-Time Power Consumption Prior to or During the Demand Response Event
312
Controlling One or More Loads to Maintain the Real-Time Power Consumption At or Below the Maximum Power Consumption
316