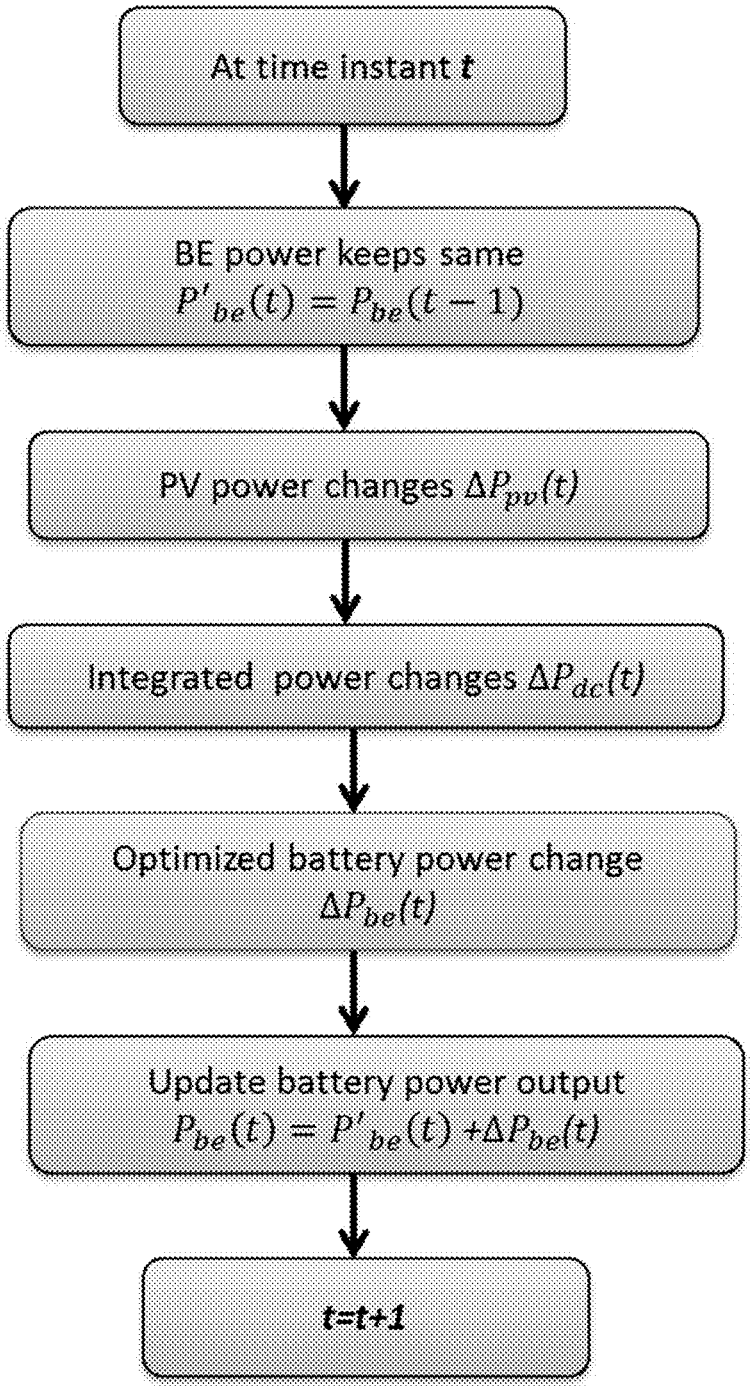
At time instant t
BE power keeps same
$P'_{be}(t) = P_{be}(t-1)$
PV power changes $\Delta P_{pv}(t)$
Integrated power changes $\Delta P_{dc}(t)$
Optimized battery power change
$\Delta P_{be}(t)$
Update battery power output
$P_{be}(t) = P'_{be}(t) + \Delta P_{be}(t)$
t=t+1

FIG. 5