System
??E1failed??

System
[E1failed:=true]

Engine1
[off]

System
[numFails++]

System
??E2failed??

System
[E2failed:=true]

Engine2
[off]

System
[numFails++]
System
[placeholder-green]

EDPg
[] ???active???

Green
[active]

hset
[hset := hset + {gh}]

EDPg
???off???

PTU
???off???

hset
[hset := hset - {gh}]

Green
[off]

Green
[active]

hset
[hset := hset + {gh}]

PTU
[distgfailed := true]

System
[distgfailed ++]

Green
[off]

hset
[hset := hset - {gh}]

System
[placeholder-green]