```matlab
%#ok<*CLALL>

clear all;clc

gridSettings = gridSettingsClass;
gridSettings.gridSize = [2, 4];
gridSettings.ticksPerYear = 365*24;
gridSettings.restoreGridHealthRate = 1/gridSettings.ticksPerYear;
gridSettings.restoreGridHealthCost = 1;

simGrid = gridClass(gridSettings);
simGrid.gridHealth = zeros(simGrid.gridSize);
simGrid.gridHealth(1) = 1-0.5*simGrid.restoreGridHealthRate;
simGrid.gridHealth
```

ans = *2×4*

0.9999	0	0	0
0	0	0	0

```matlab
simGrid.restoreGridHealth();
```

costs = 7.5000

```matlab
simGrid.gridHealth
```

ans = *2×4*

1.0000	0.0001	0.0001	0.0001
0.0001	0.0001	0.0001	0.0001

```matlab
simGrid.restoreGridHealth();
```

costs = 7

```matlab
simGrid.gridHealth
```

ans = *2×4*

1.0000	0.0002	0.0002	0.0002
0.0002	0.0002	0.0002	0.0002