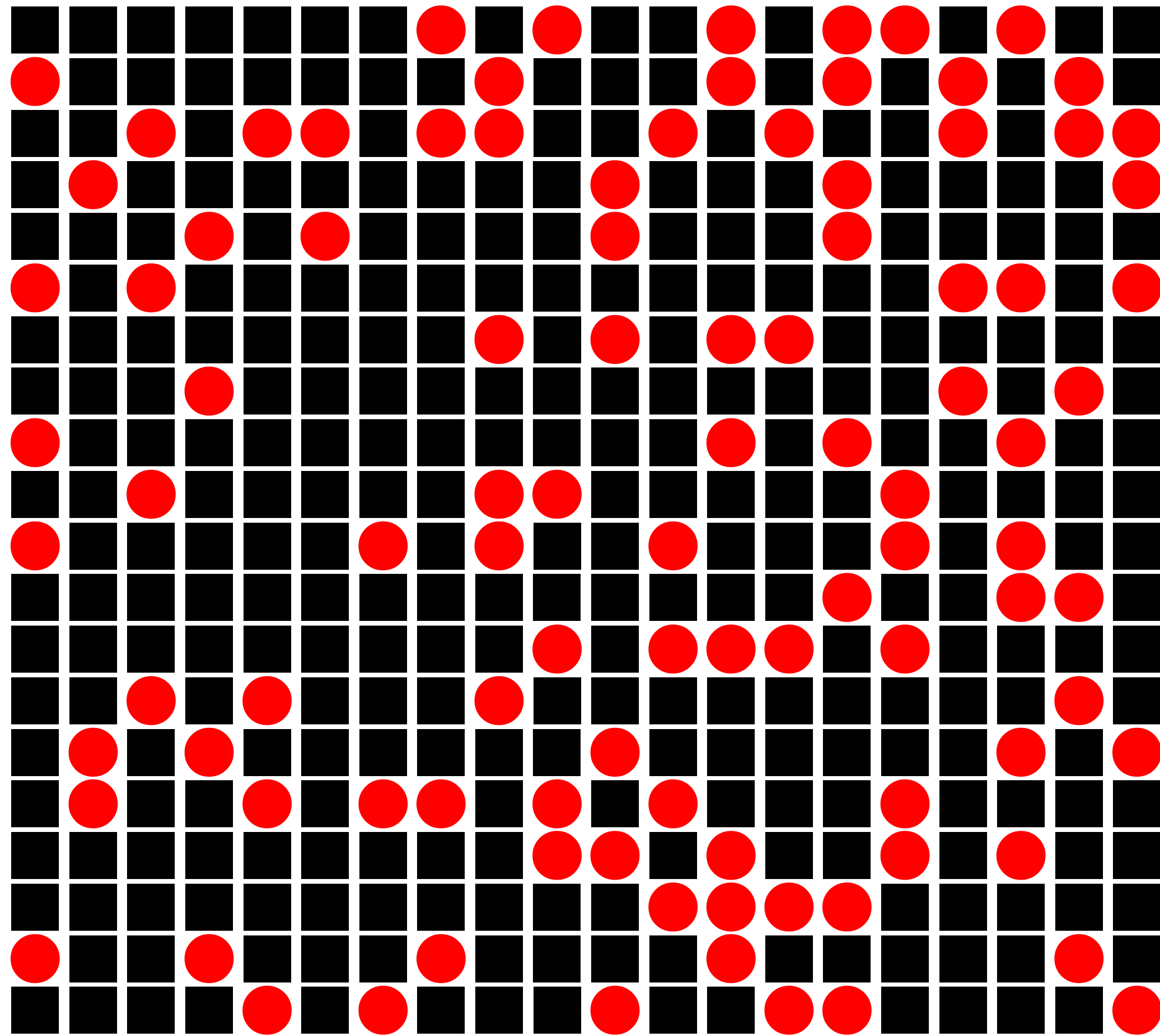


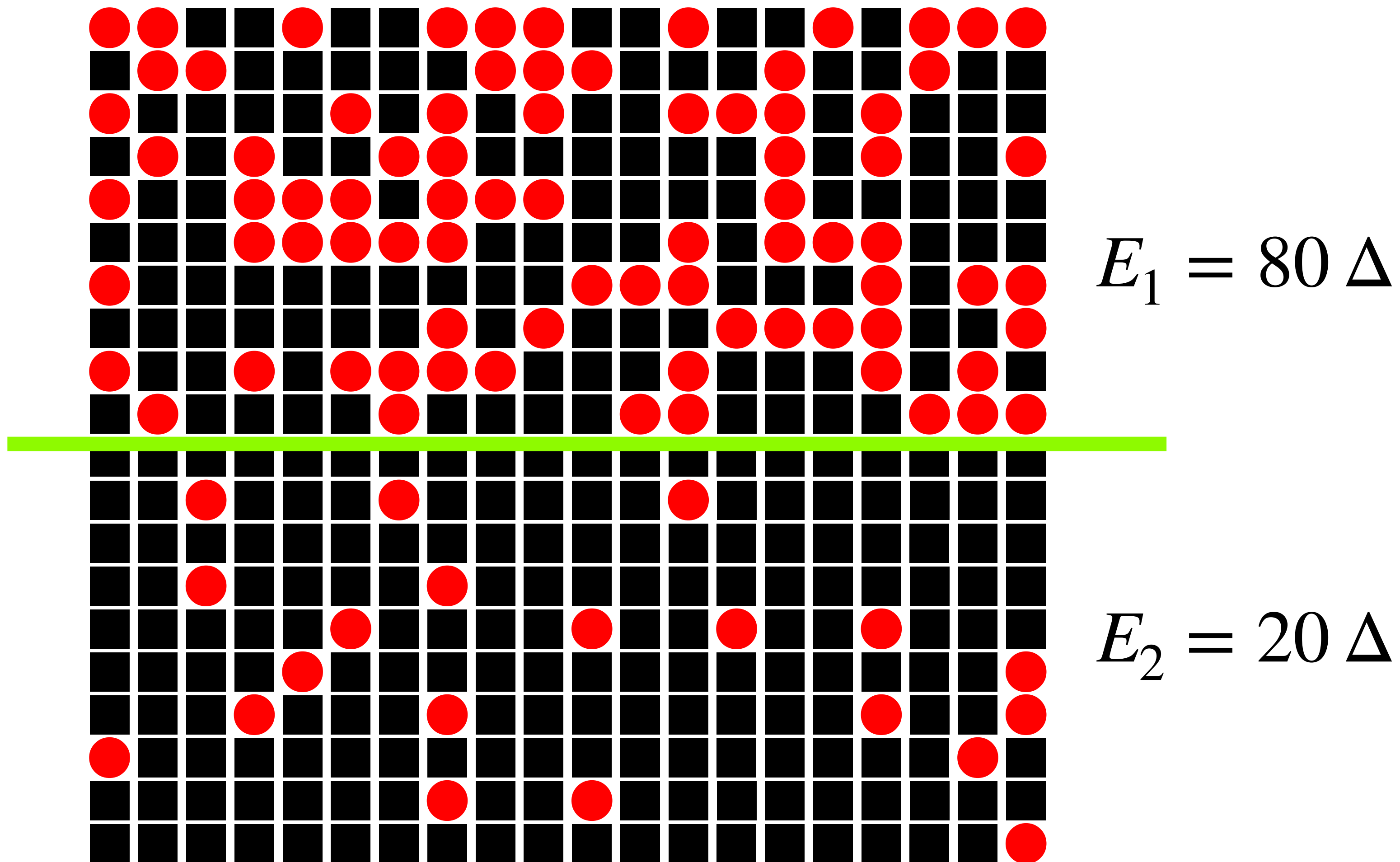
After many “hops”, the system has “thermalized”



With the partition gone the system explores many new configurations

“thermalized” means that the system is equally likely to be in any of its e^{225} microstates

Two thermalized states, separated by a partition



The macro state is
 $(E_1, E_2) = (80, 20)$

When the partition is removed the system hops exploring configurations with different partitions of energy.