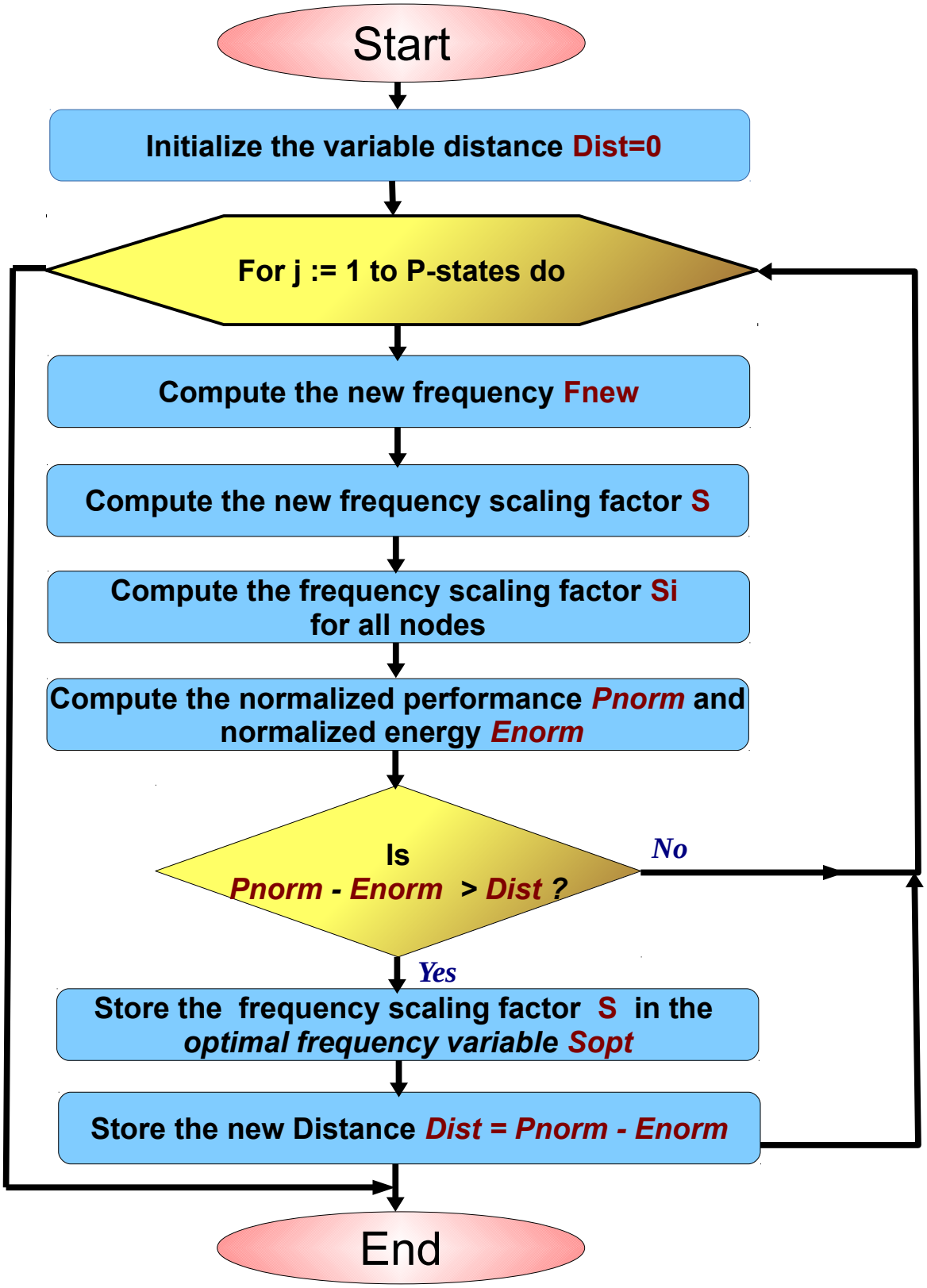
Start
Initialize the variable distance Dist=0
For j := 1 to P-states do
Compute the new frequency Fnew
Compute the new frequency scaling factor S
Compute the frequency scaling factor Si for all nodes
Compute the normalized performance Pnorm and normalized energy Enorm
Is Pnorm - Enorm > Dist ?
No
Yes
Store the frequency scaling factor S in the optimal frequency variable Sopt
Store the new Distance Dist = Pnorm - Enorm
End