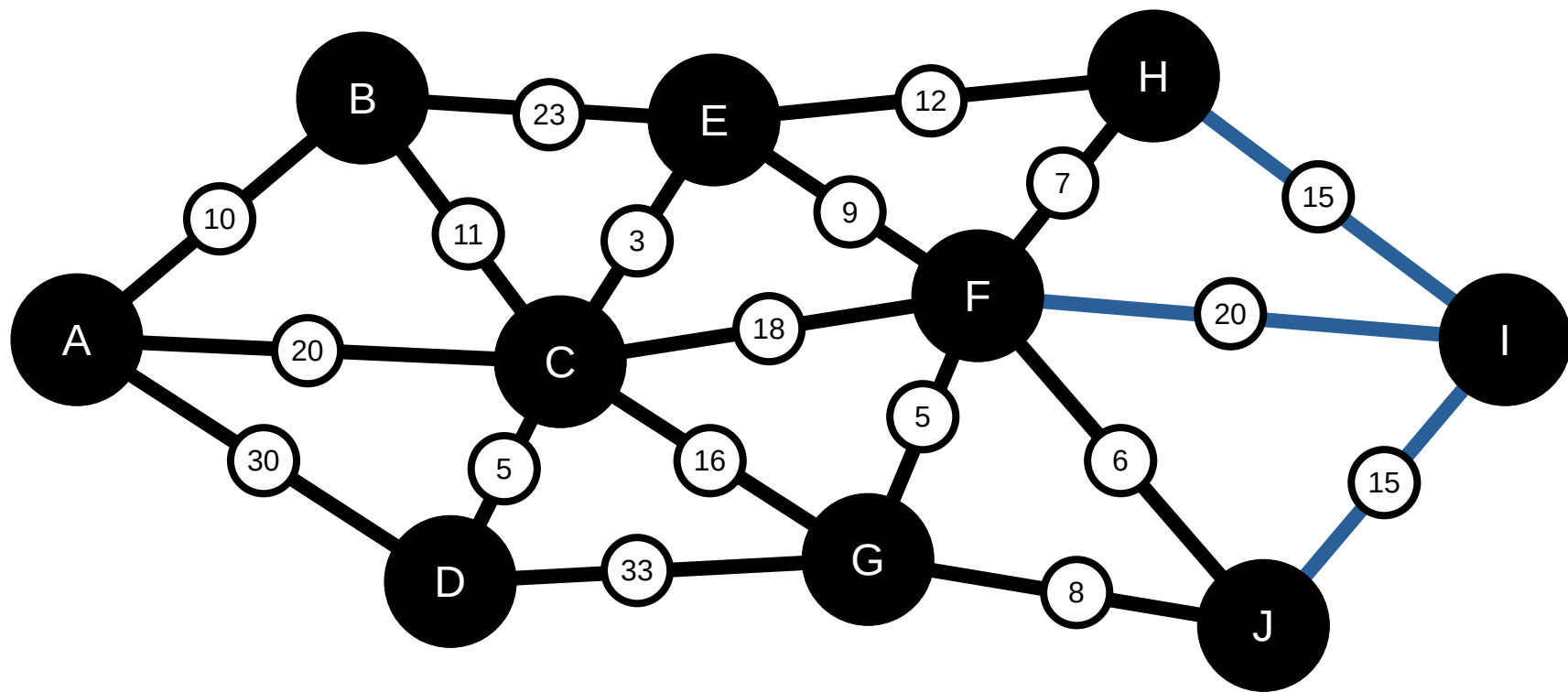
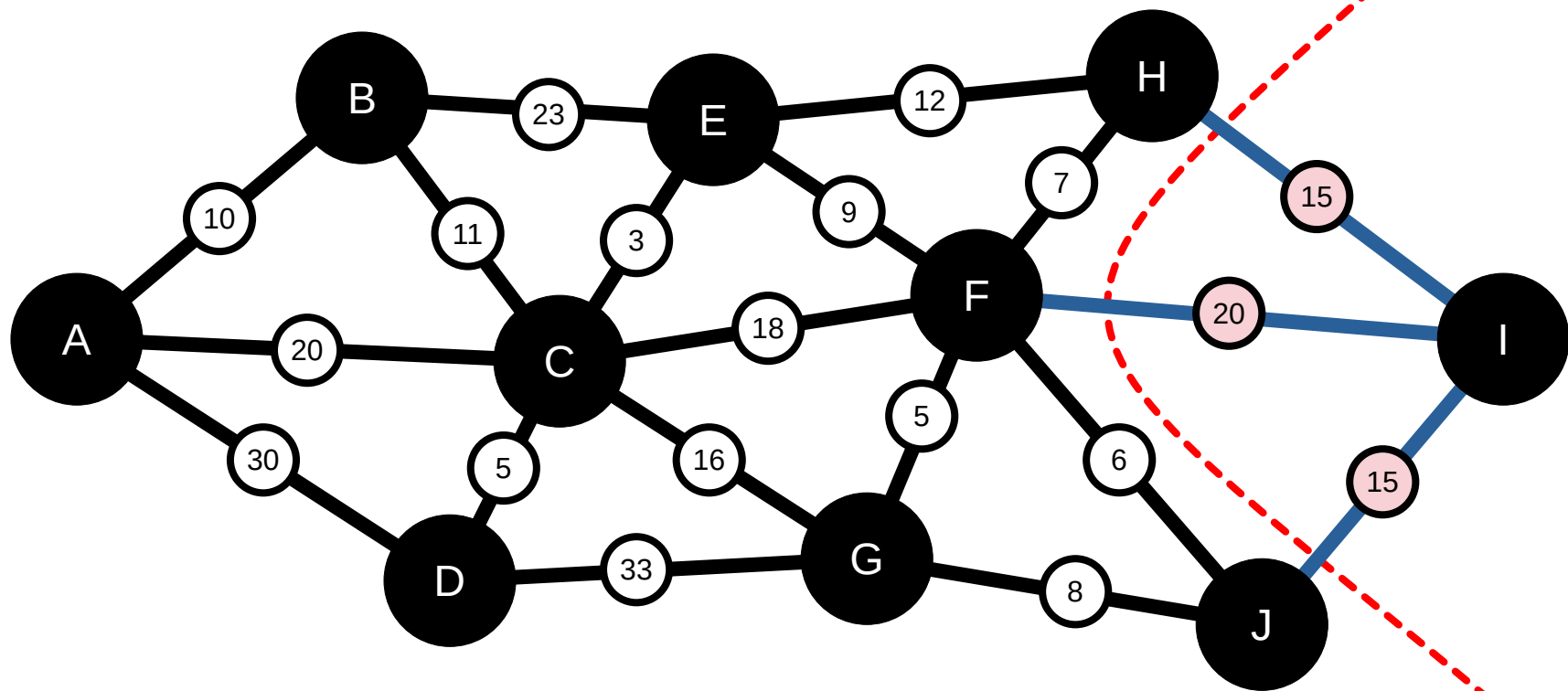


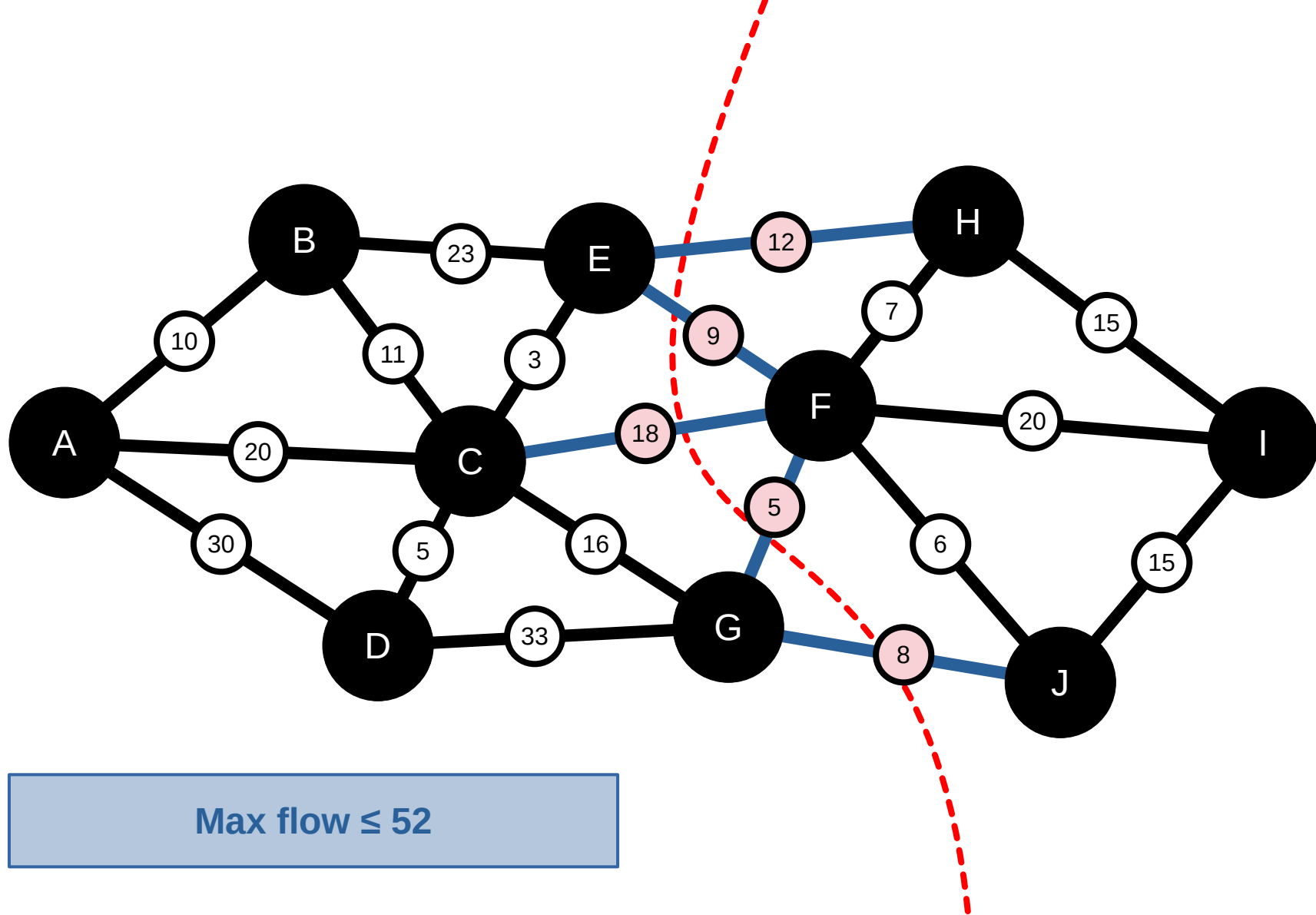
Max flow ≤ 60

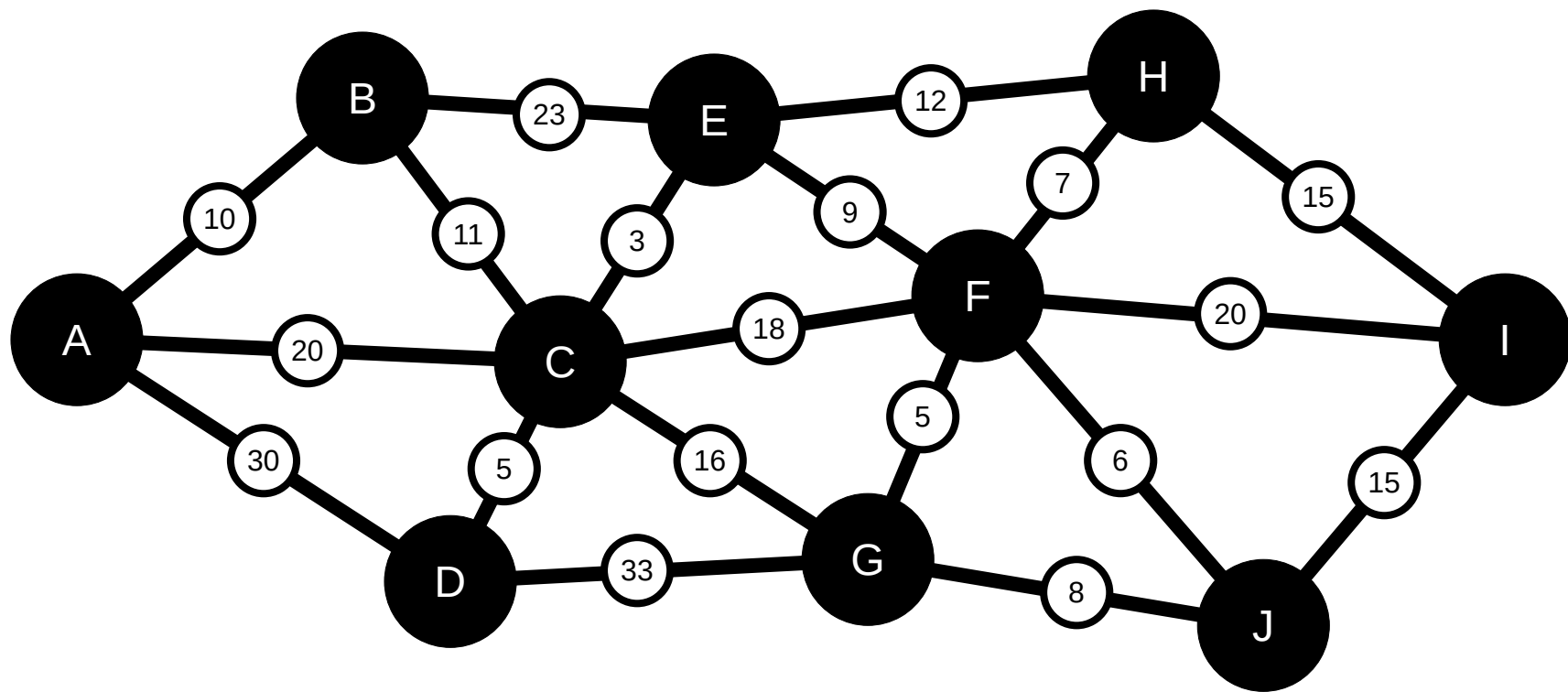


Max flow ≤ 50

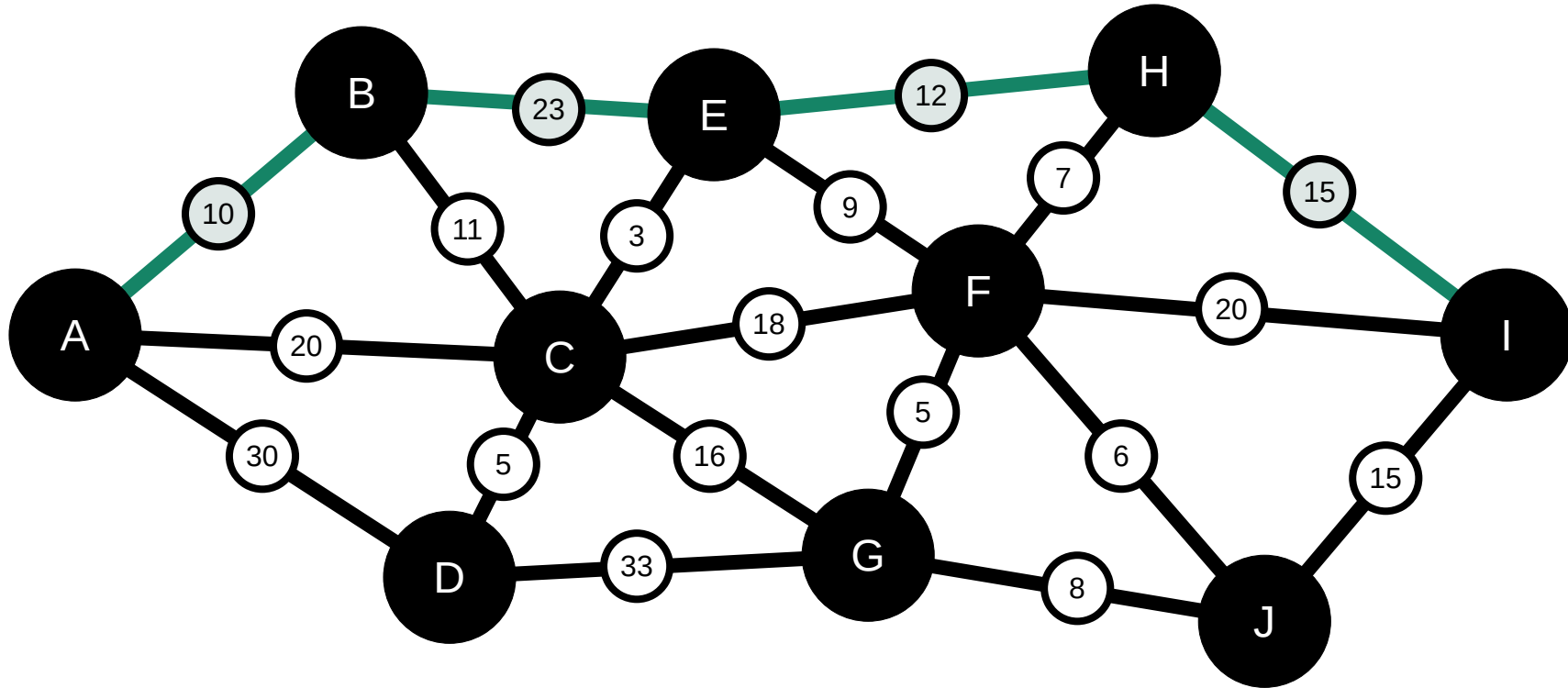


Max flow ≤ 50



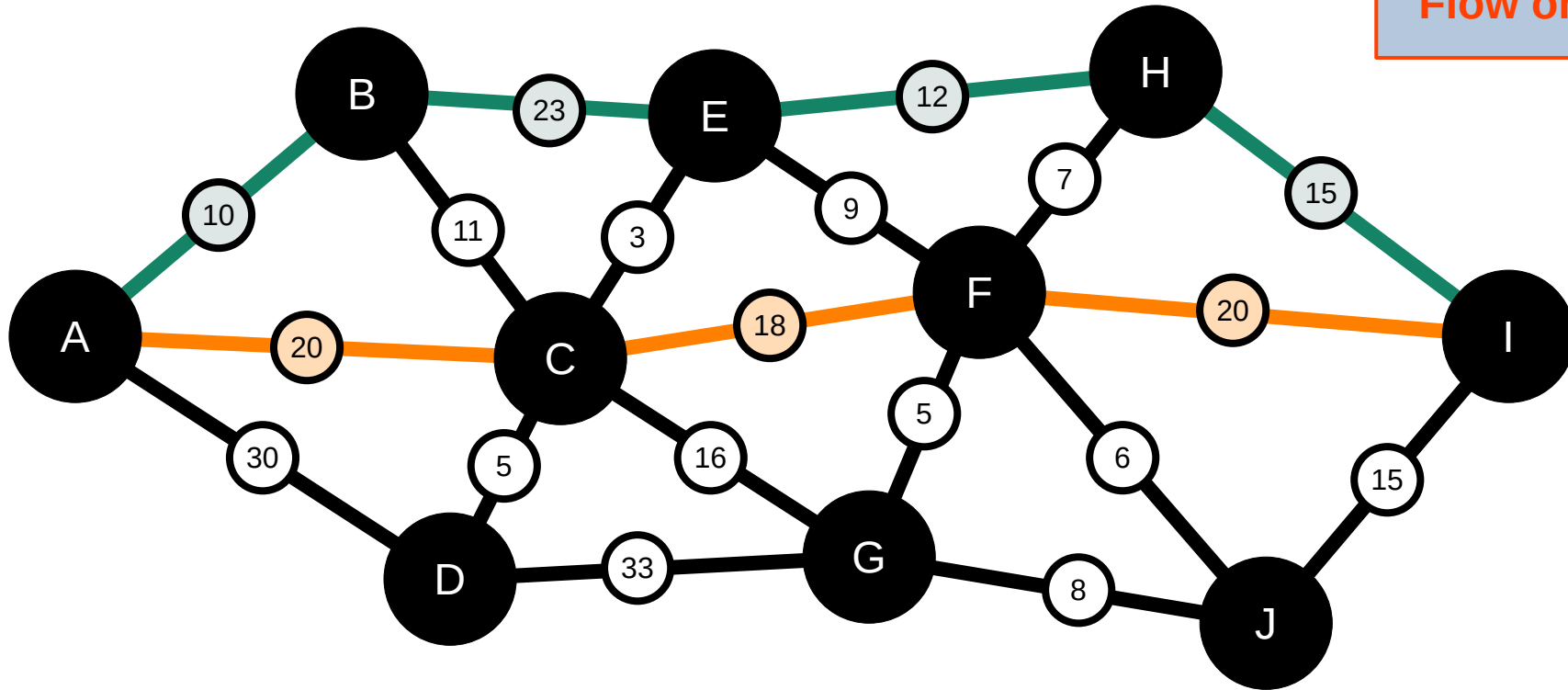


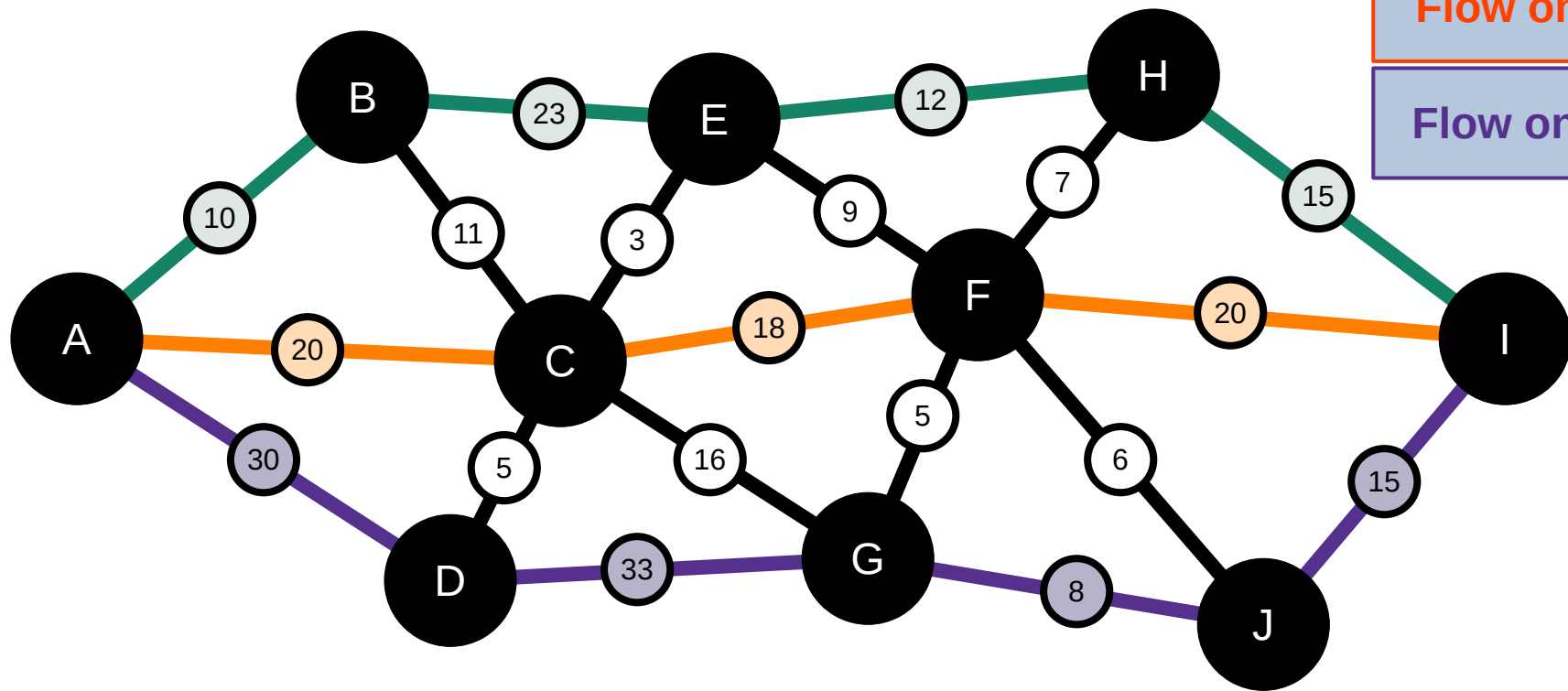
Flow on ABEHI ≤ 10



Flow on ABEHI ≤ 10

Flow on ACFI ≤ 18

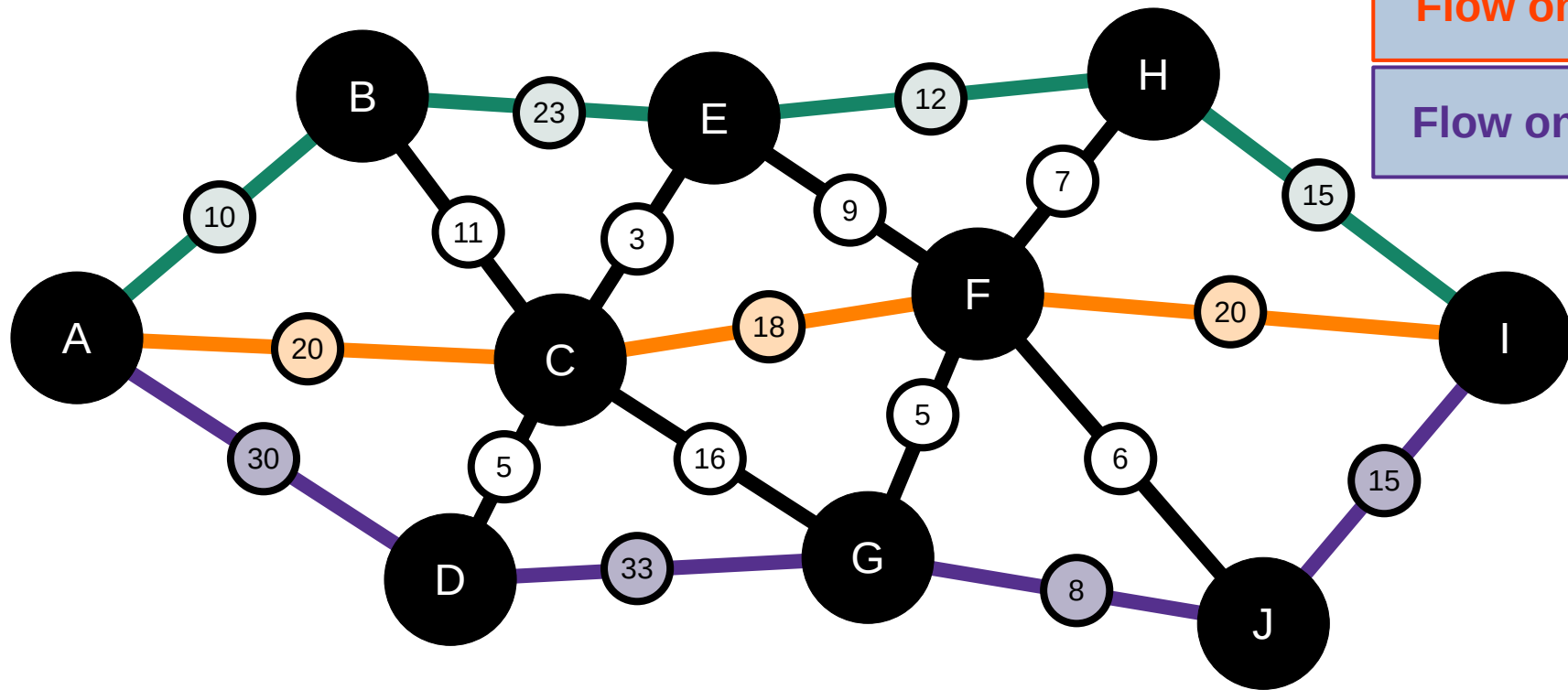




Flow on ABEHI ≤ 10

Flow on ACFI ≤ 18

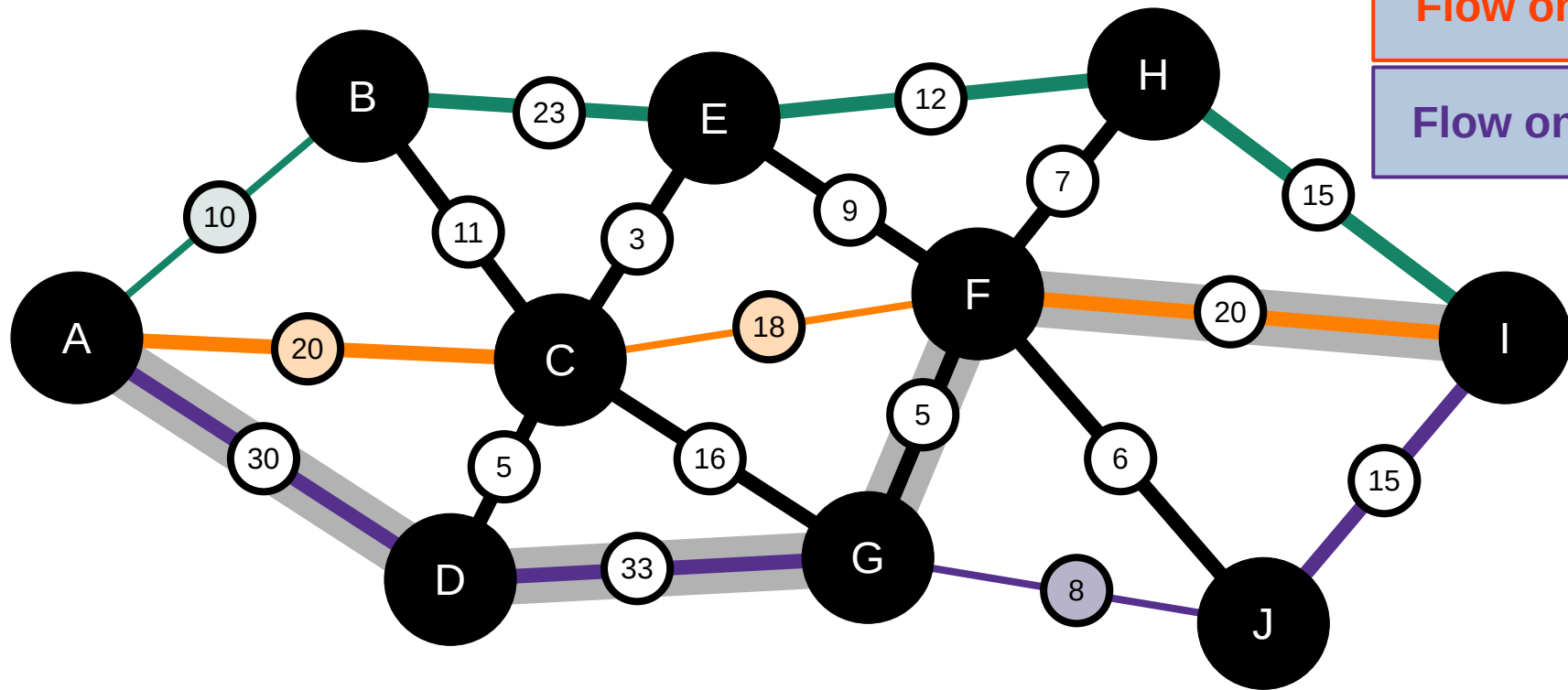
Flow on ADGJI ≤ 8



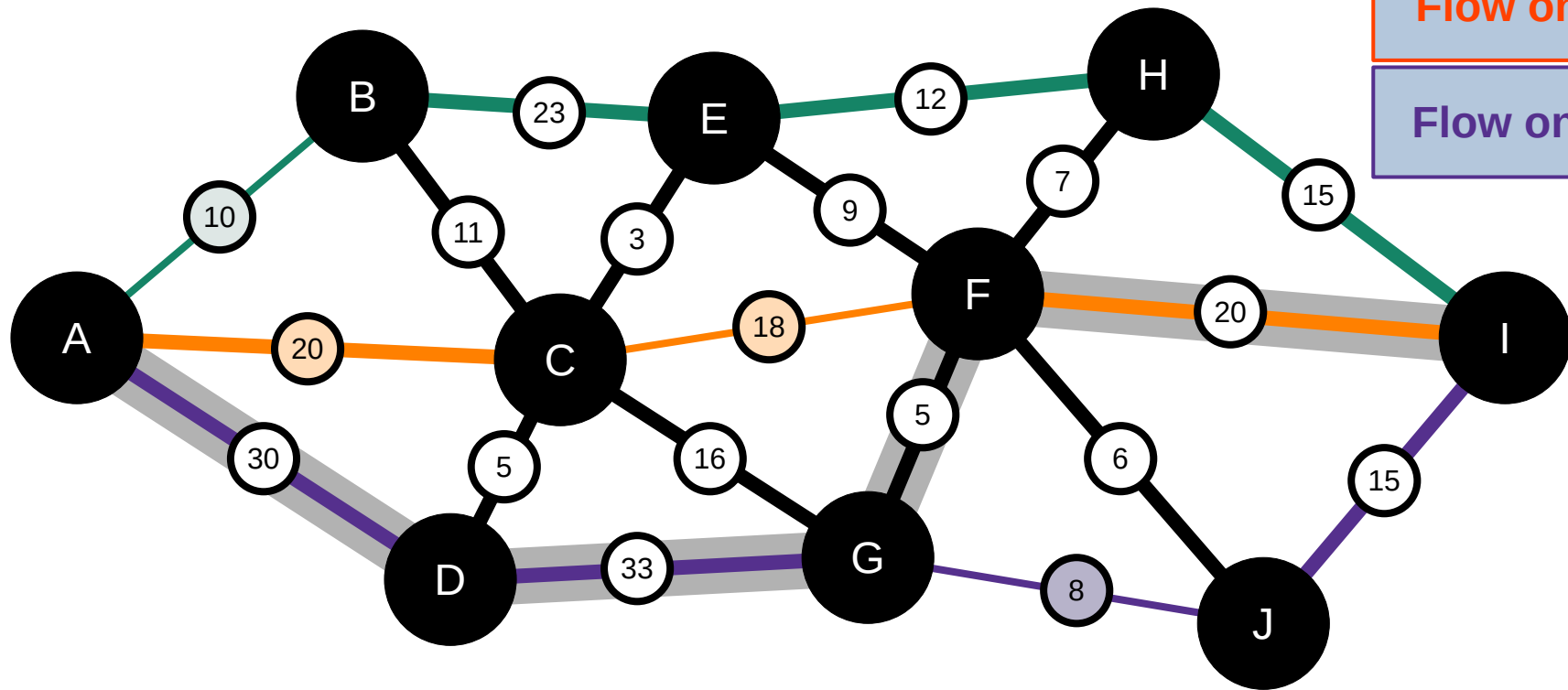
Max flow ≥ 36

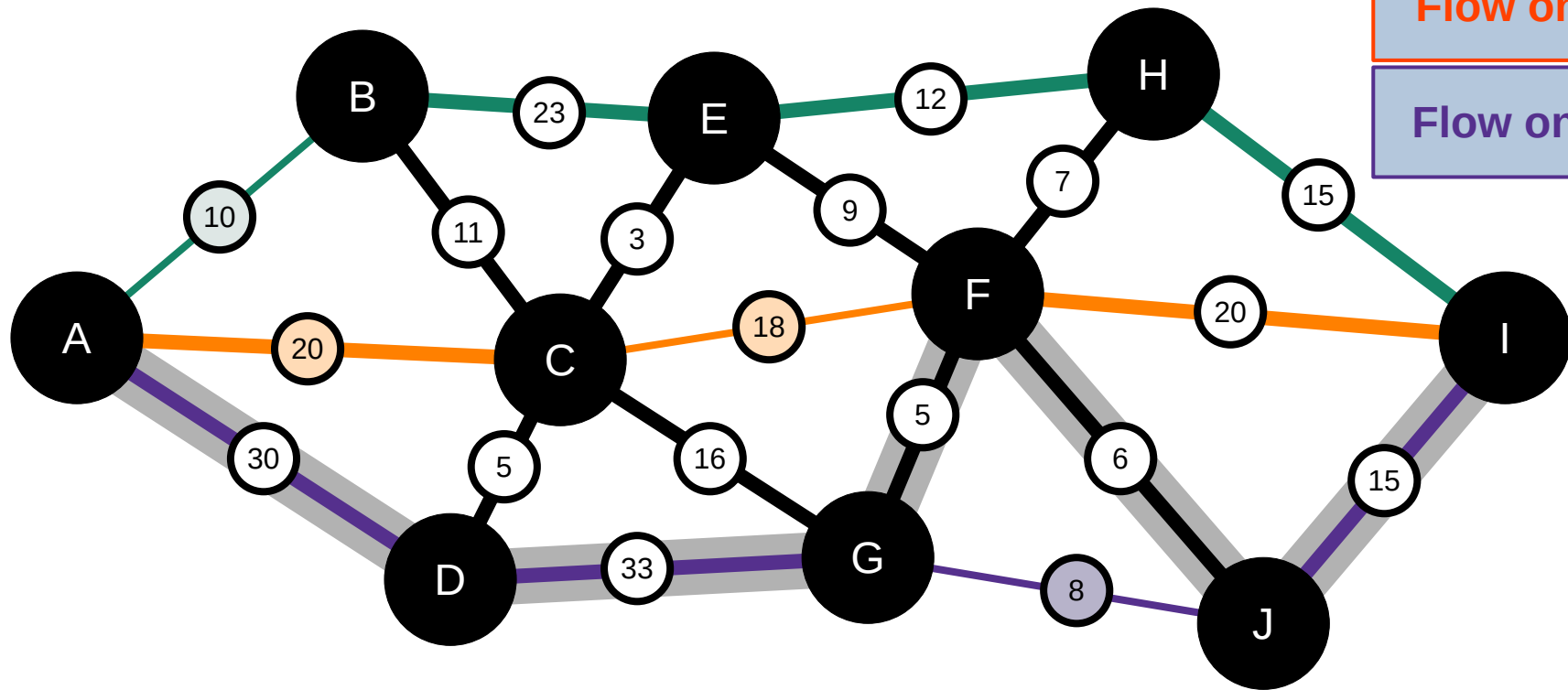


Flow on ADGJI ≤ 8



Max flow $\geq 36+5?$



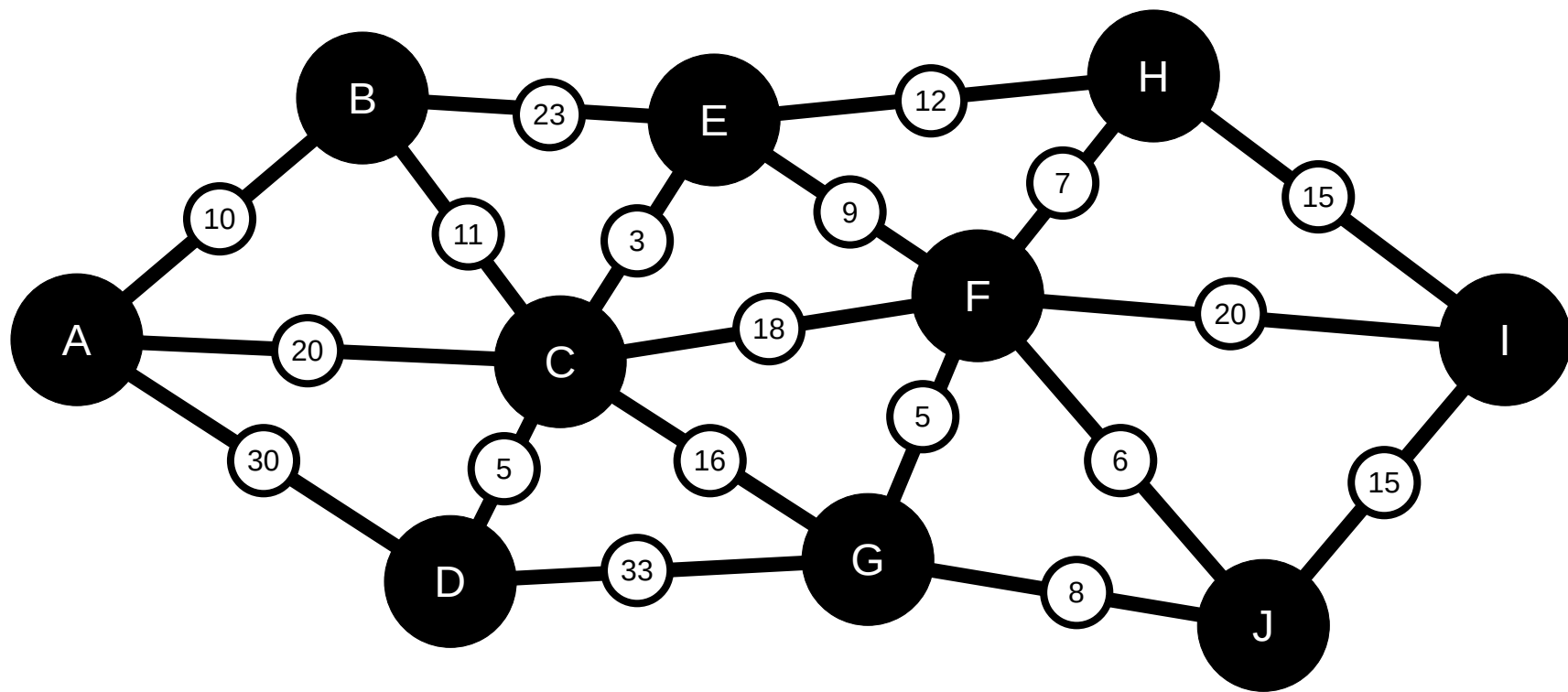


Flow on ABEHI ≤ 10

Flow on ACFI ≤ 18

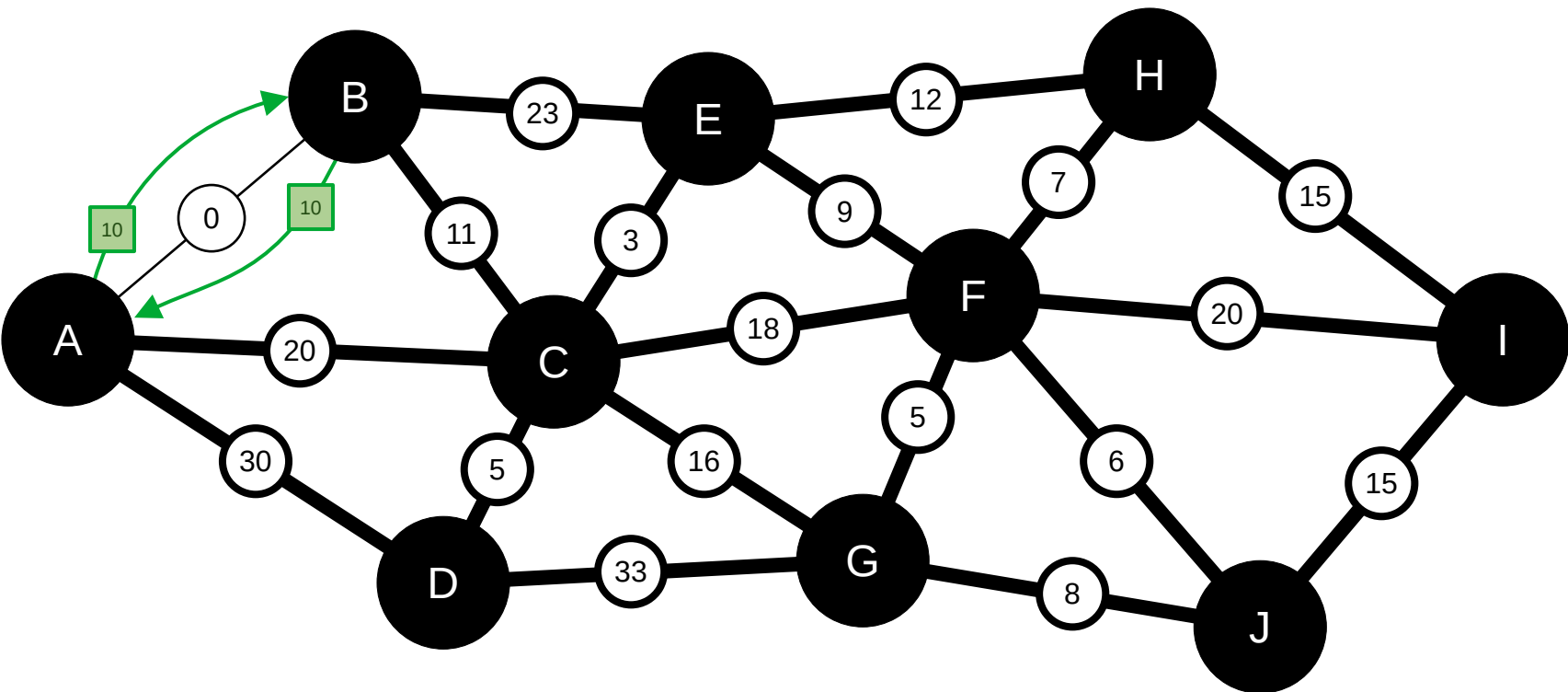
Flow on ADGJI ≤ 8

Max flow $\geq 36+5$

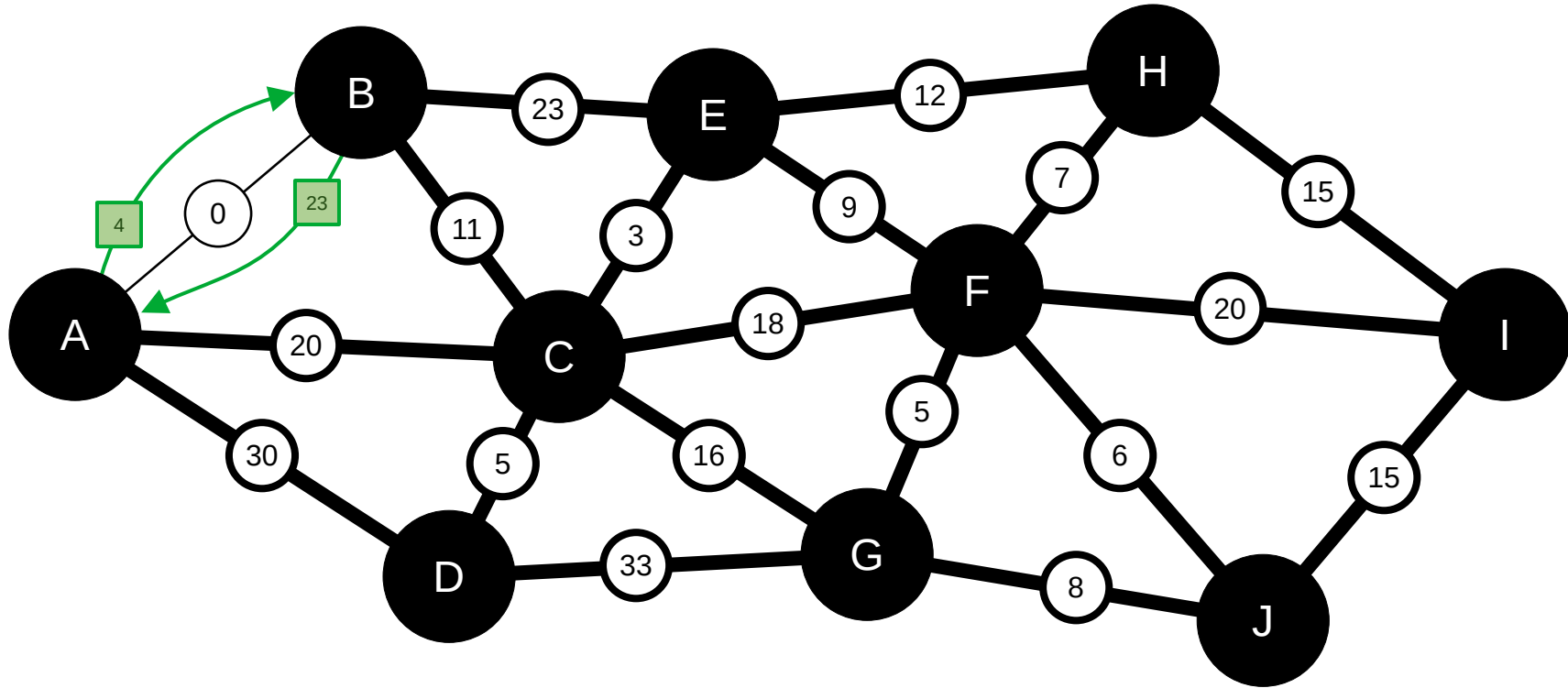


Current
flow

Potential to increase flow

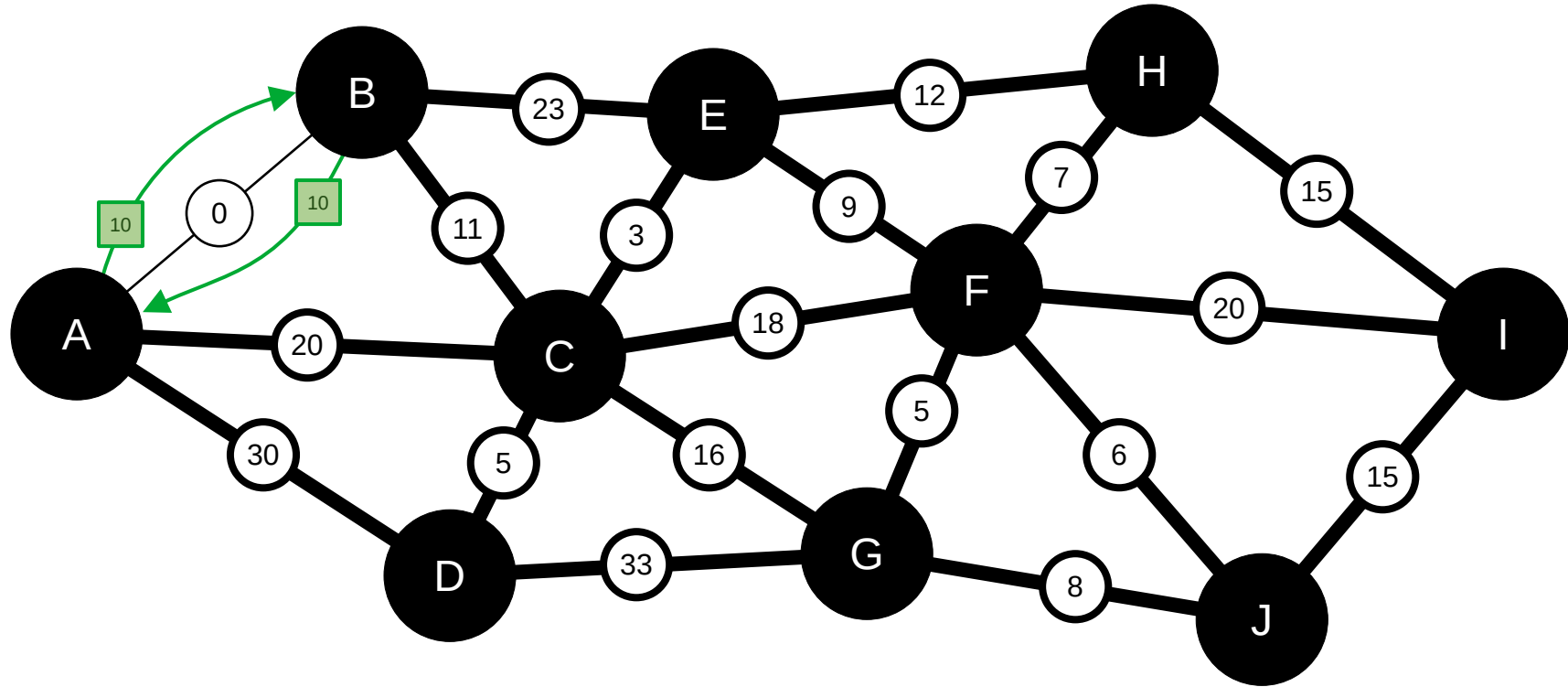


Potential to increase flow – asymmetric case



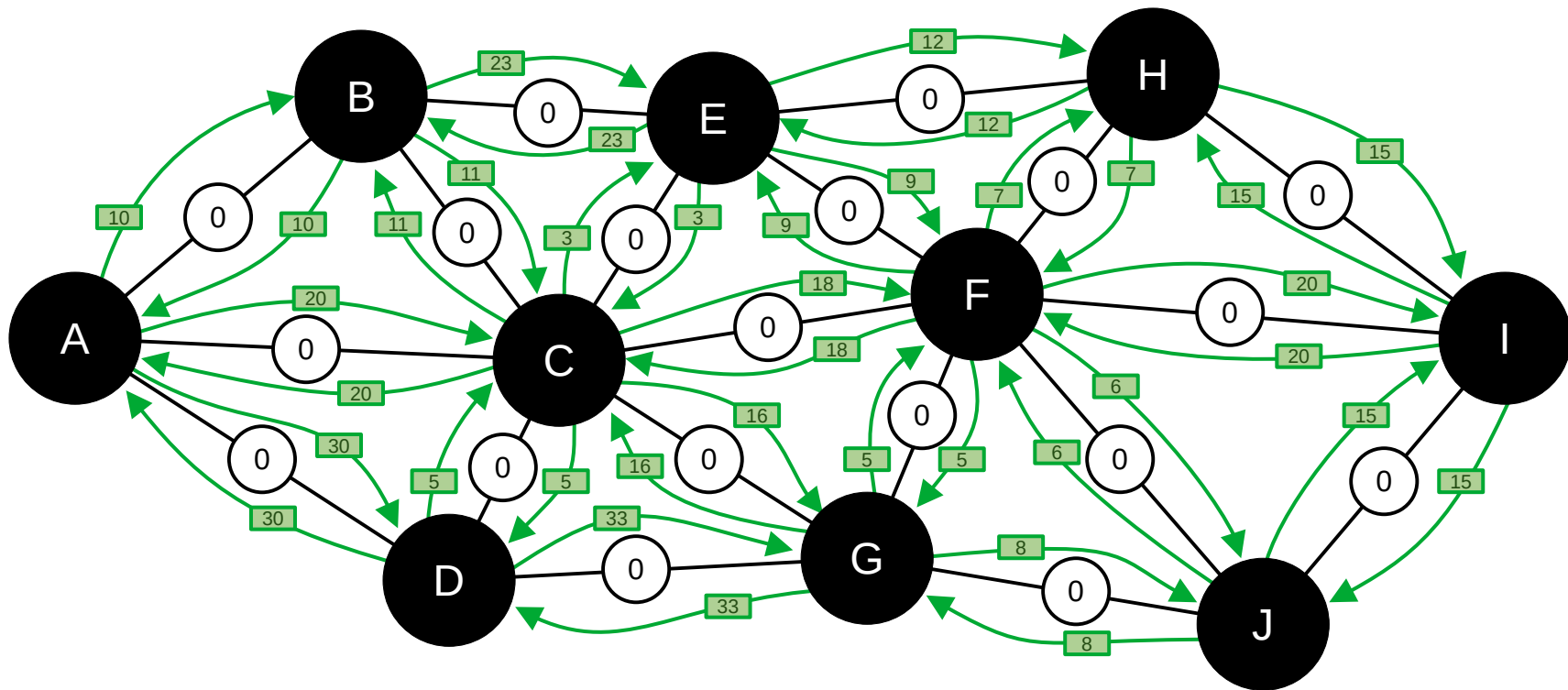
Current
flow

Potential to increase flow

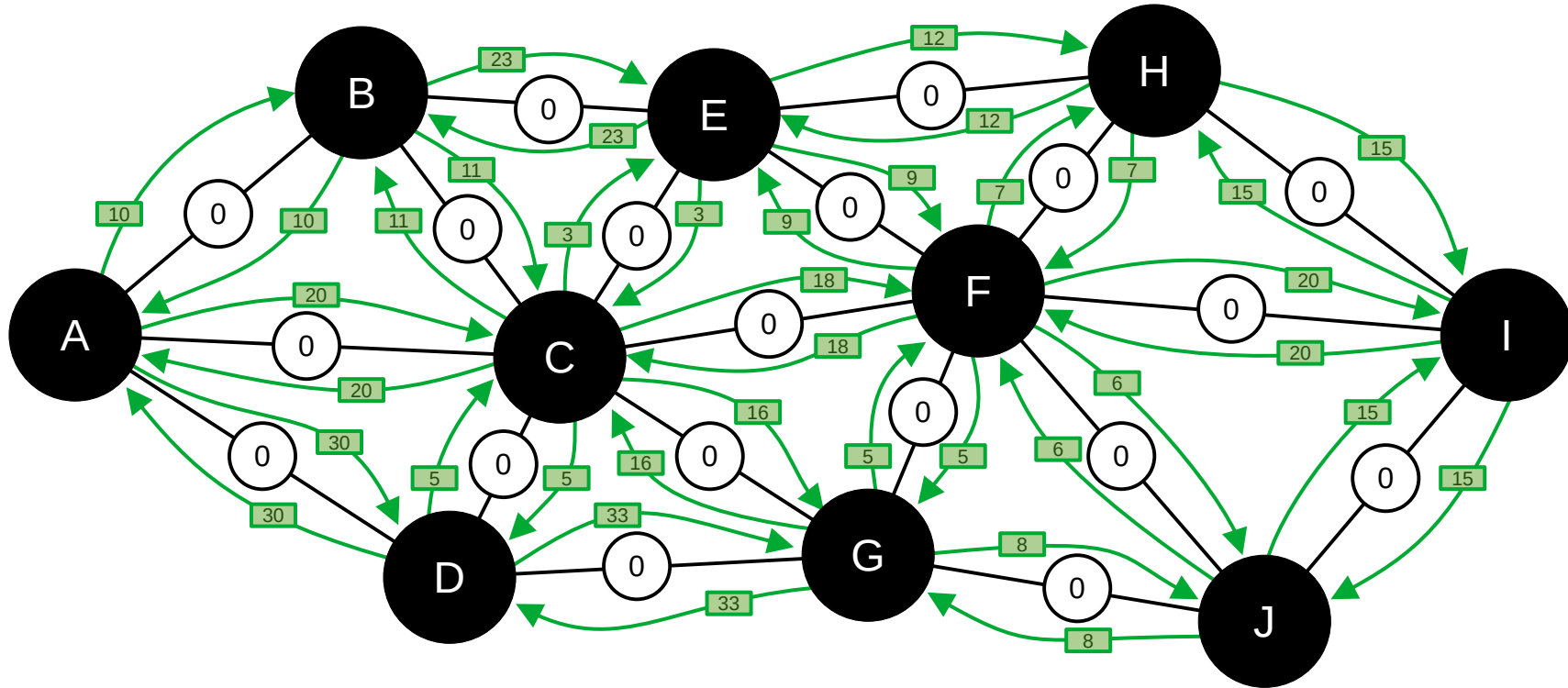


Current
flow

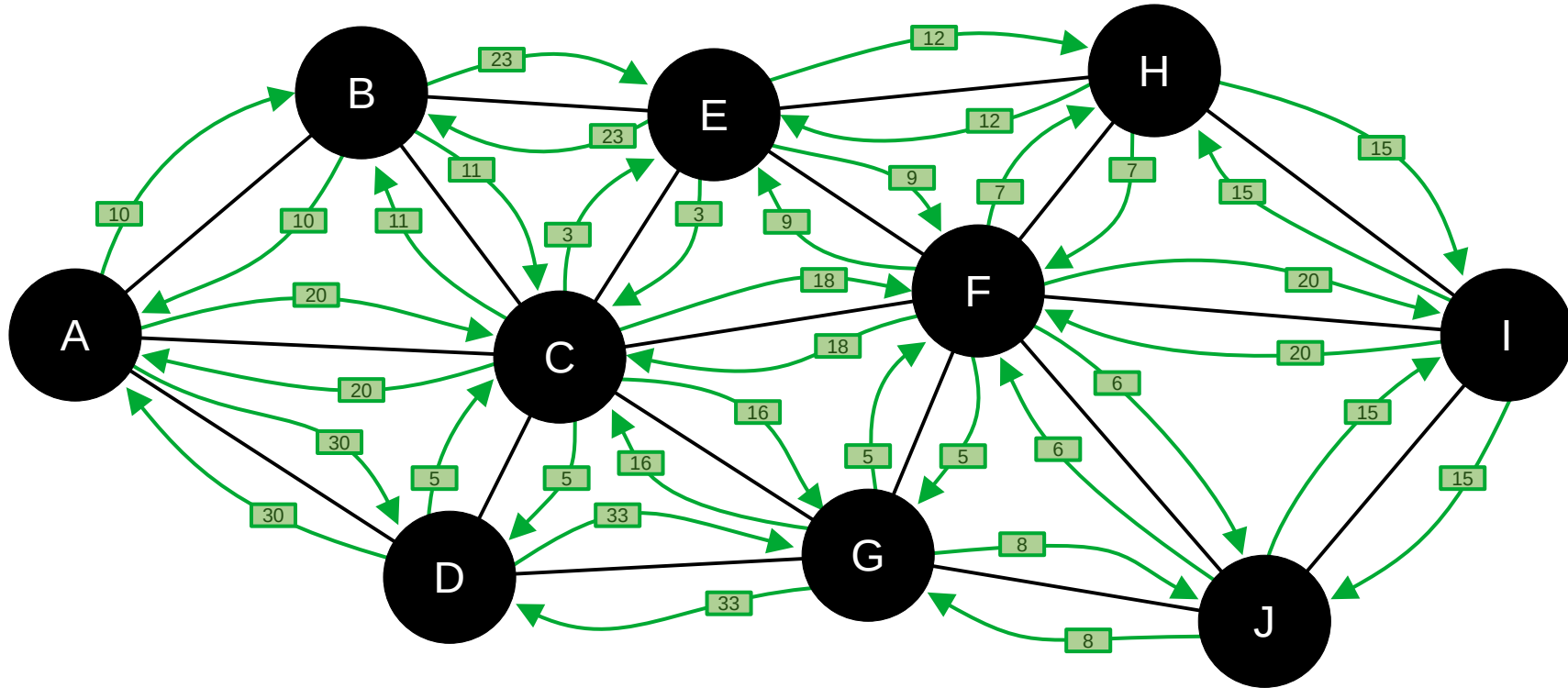
Potential to increase flow



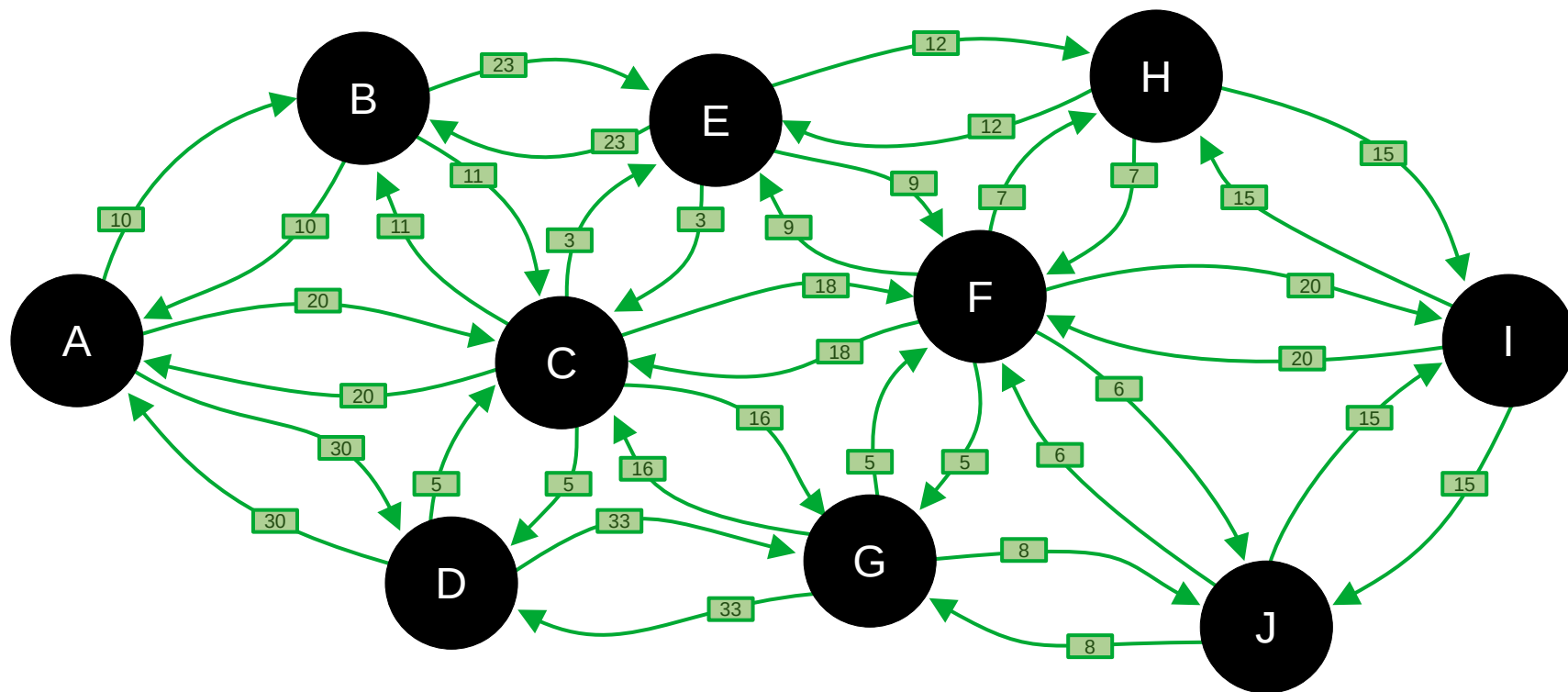
Total flow: 0



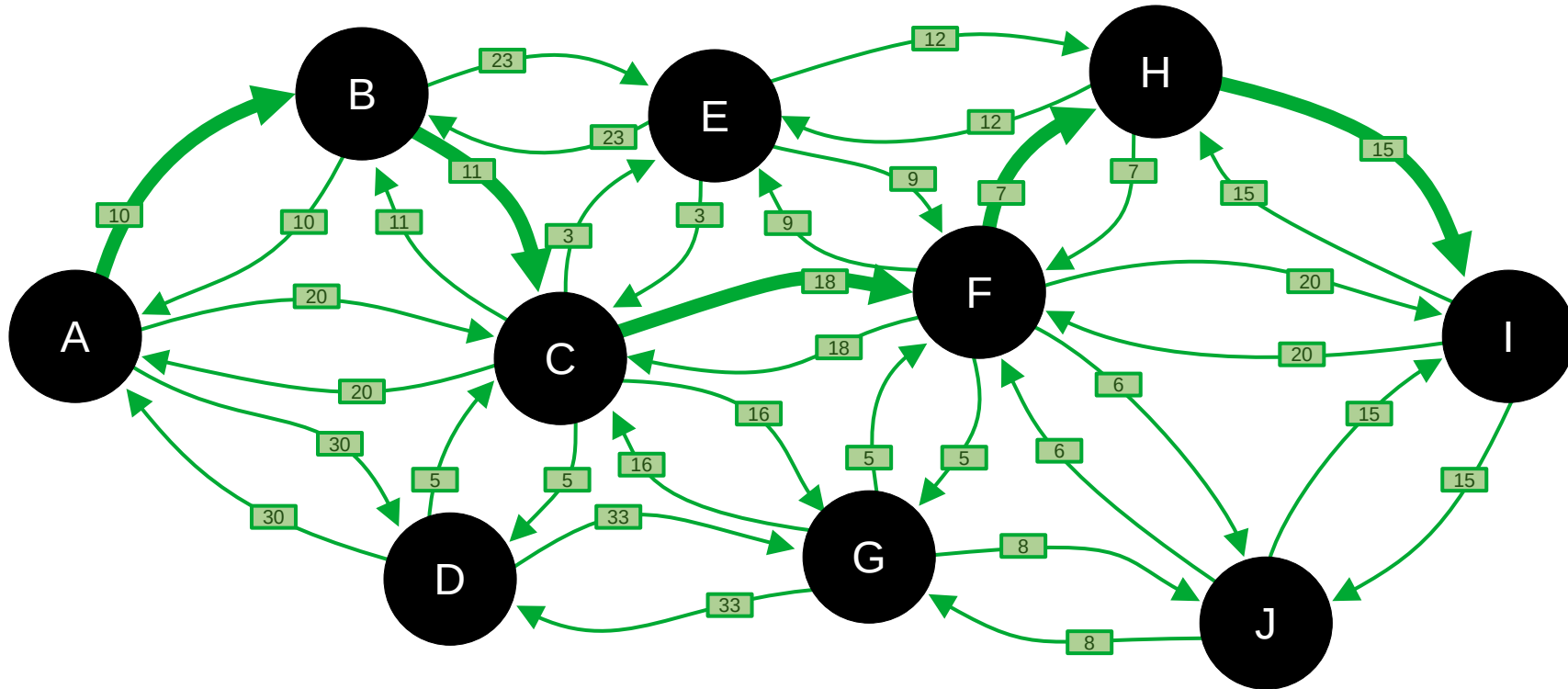
Total flow: 0



Total flow: 0

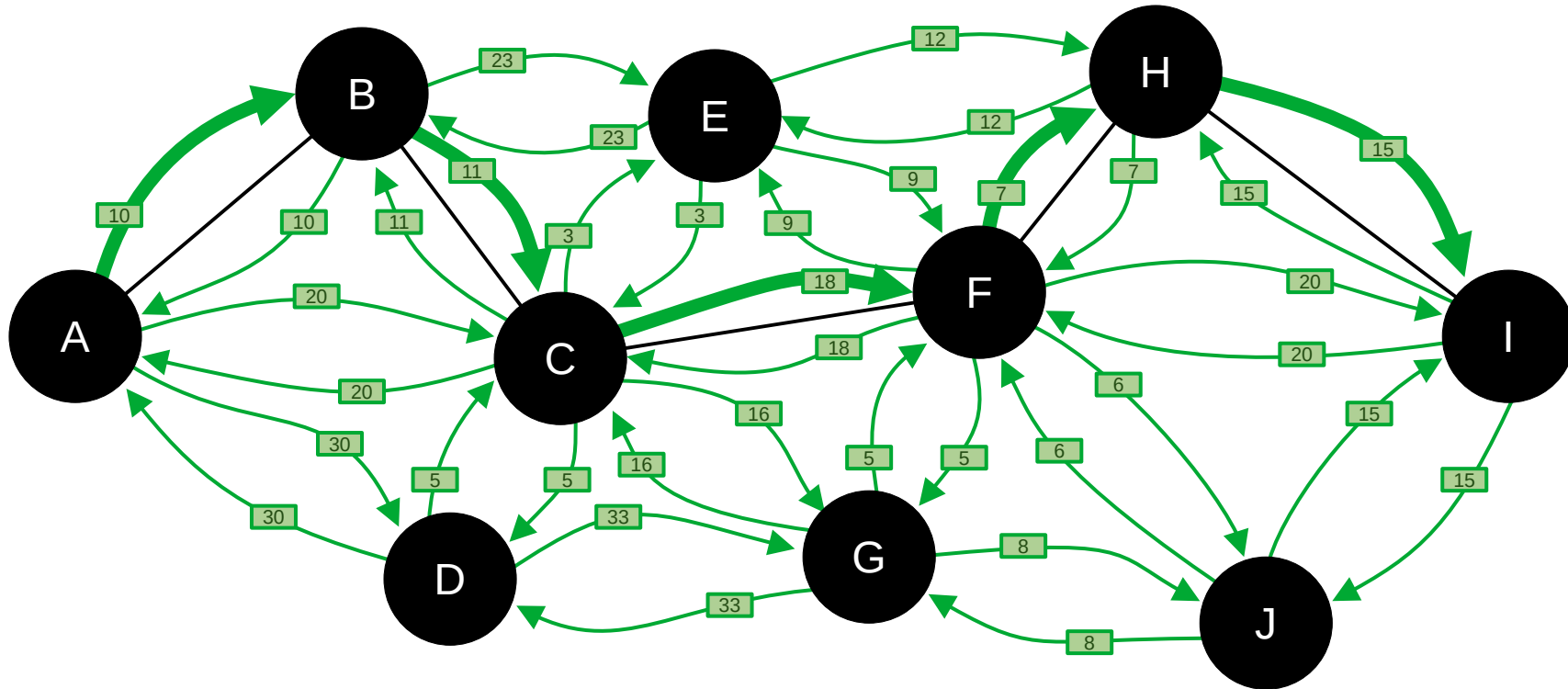


Total flow: 0



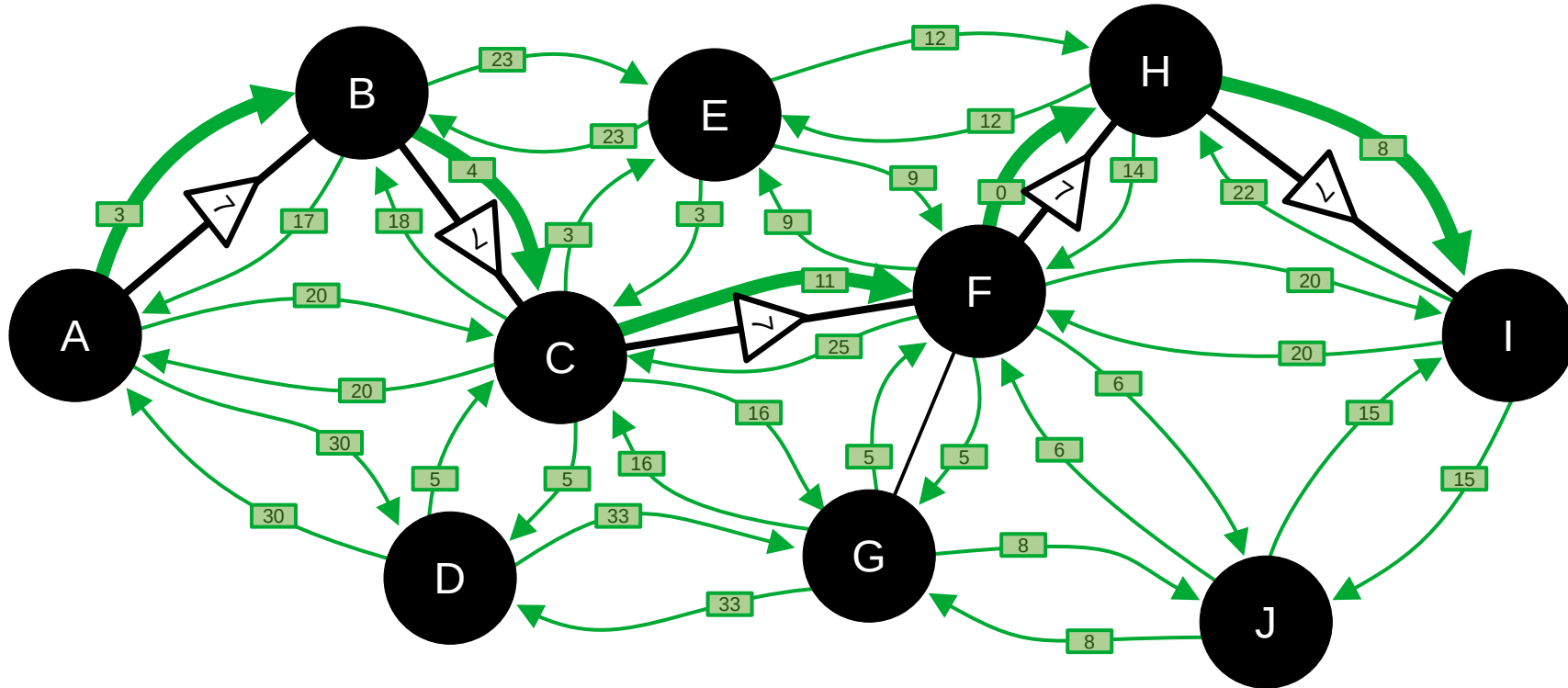
Increase potential: 7

Total flow: 0



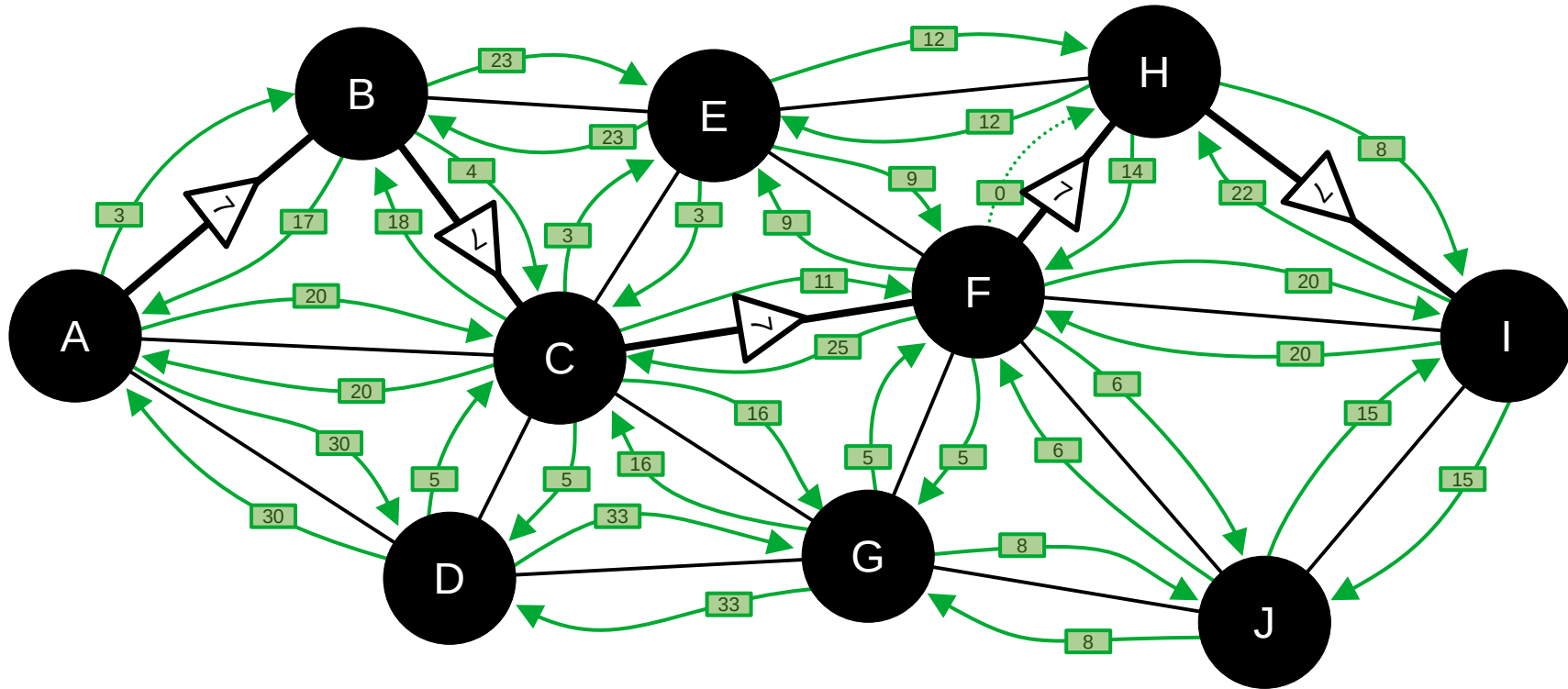
Increase potential: 7

Total flow: 7

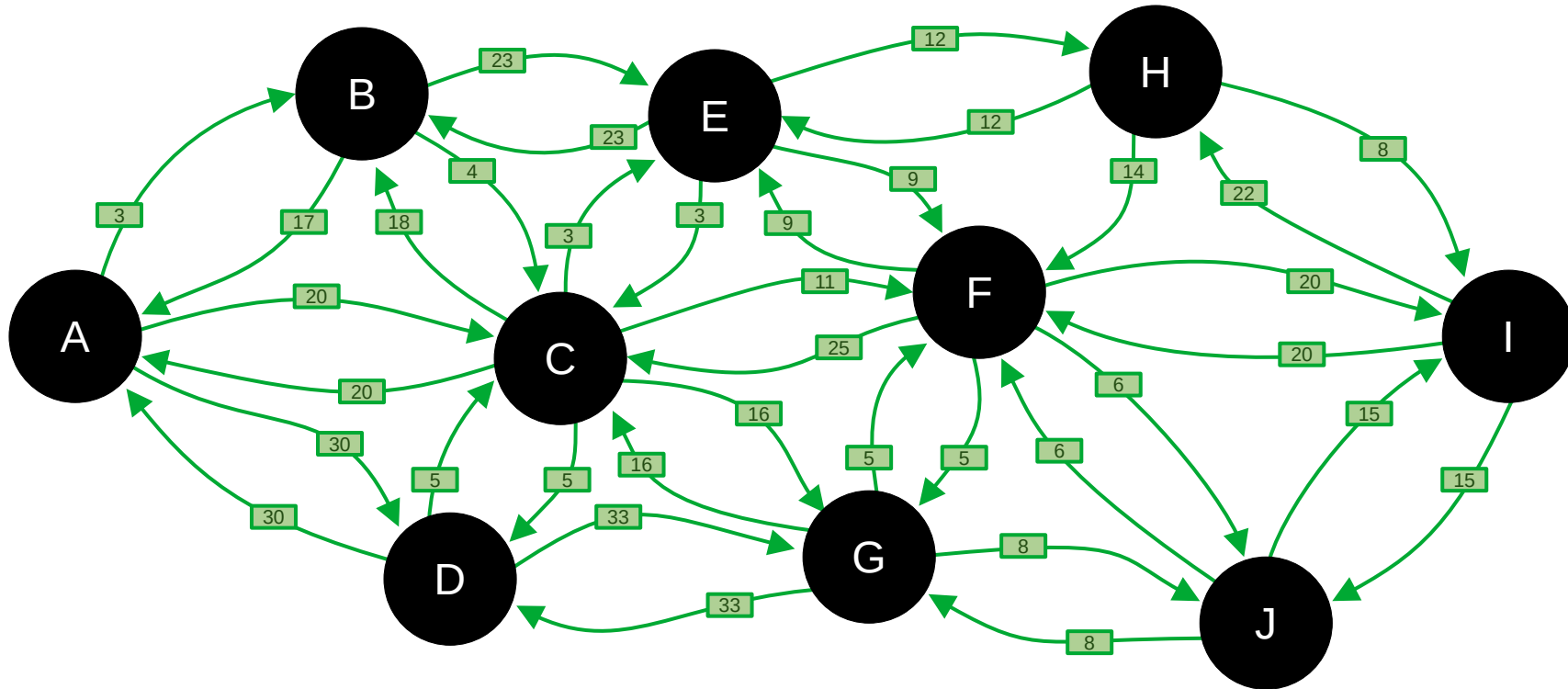


Increase potential: 0

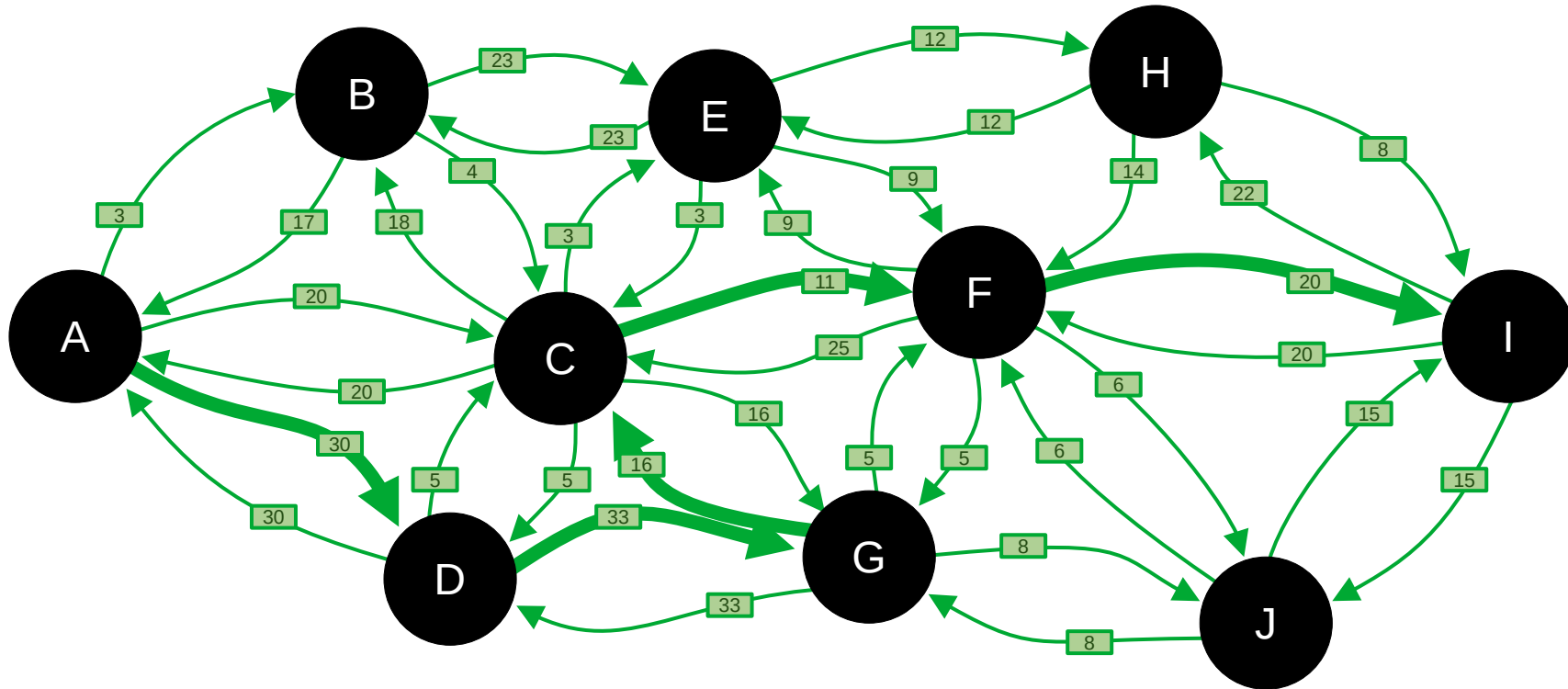
Total flow: 7



Total flow: 7

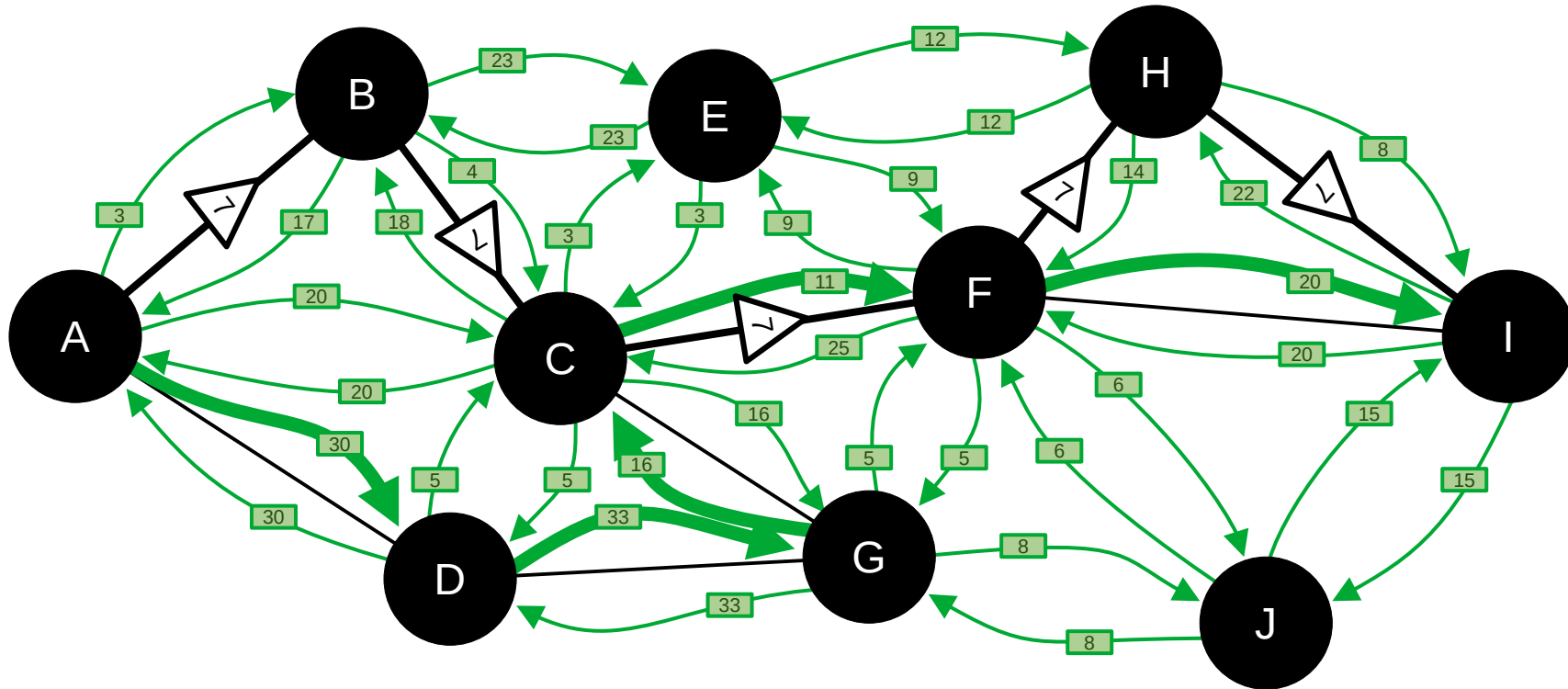


Total flow: 7



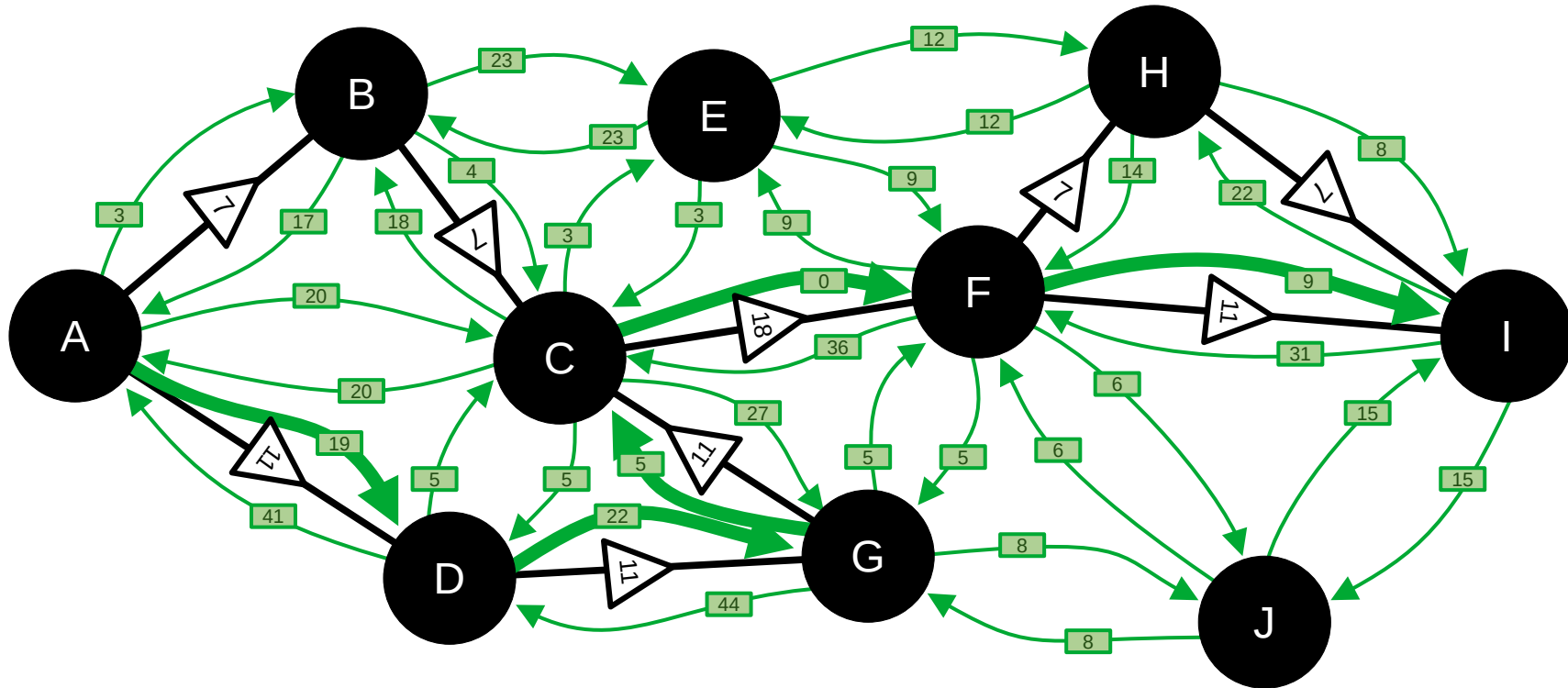
Increase potential: 11

Total flow: 7



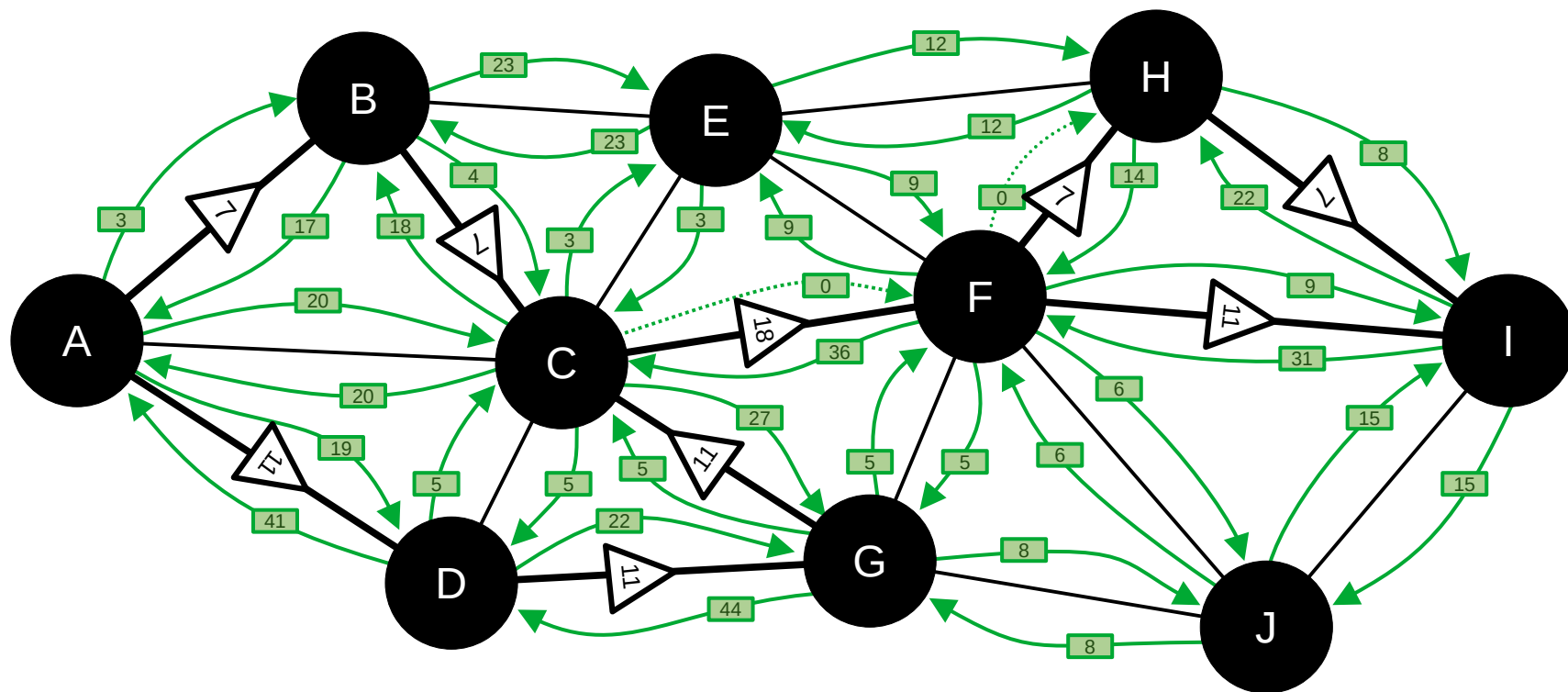
Increase potential: 11

Total flow: 18

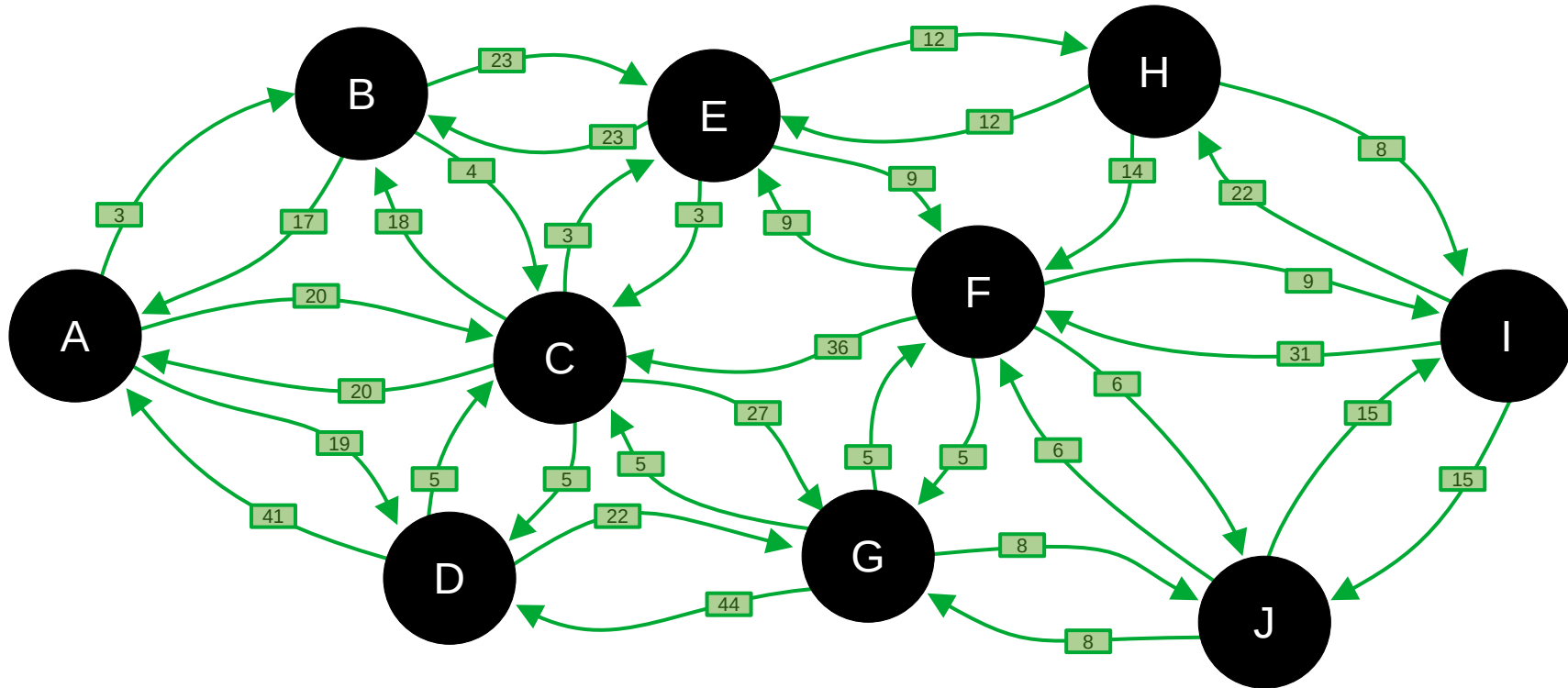


Increase potential: 0

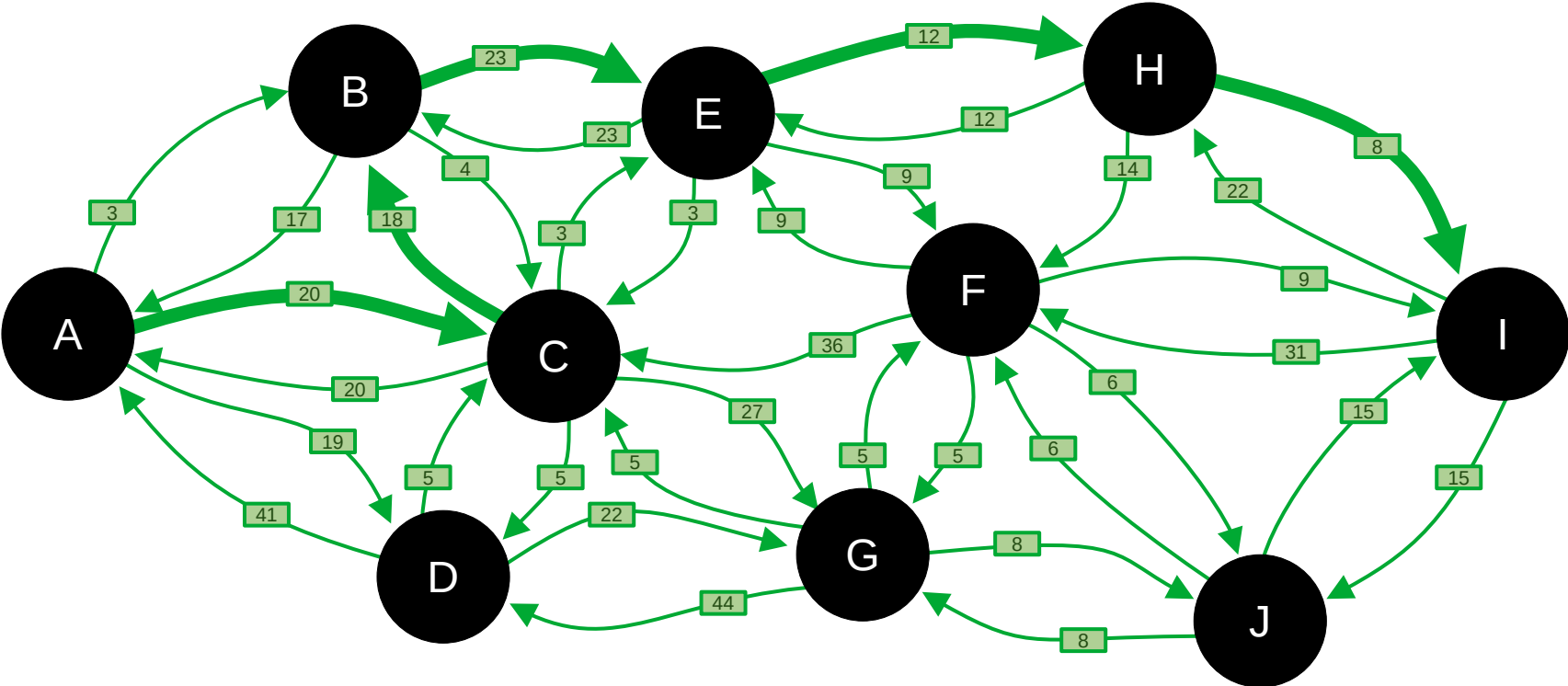
Total flow: 18



Total flow: 18

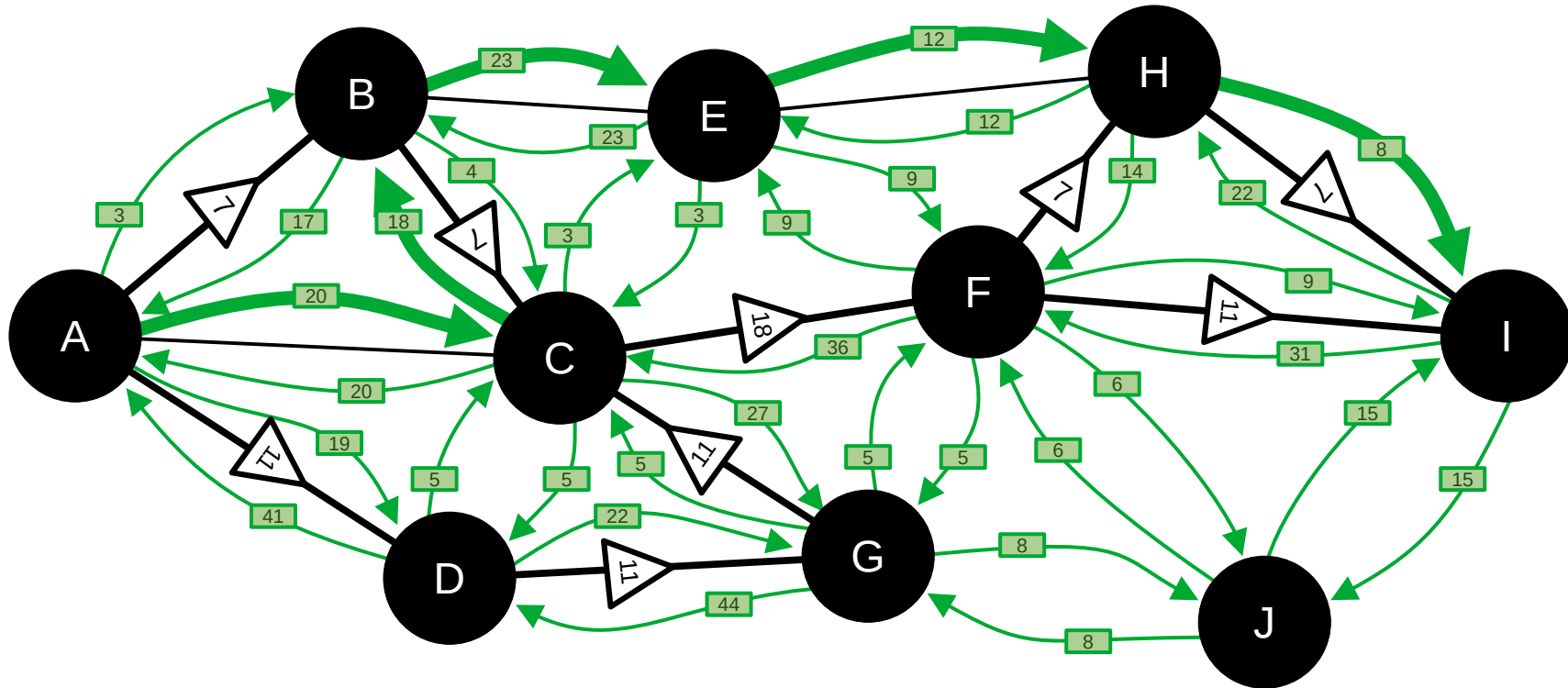


Total flow: 18



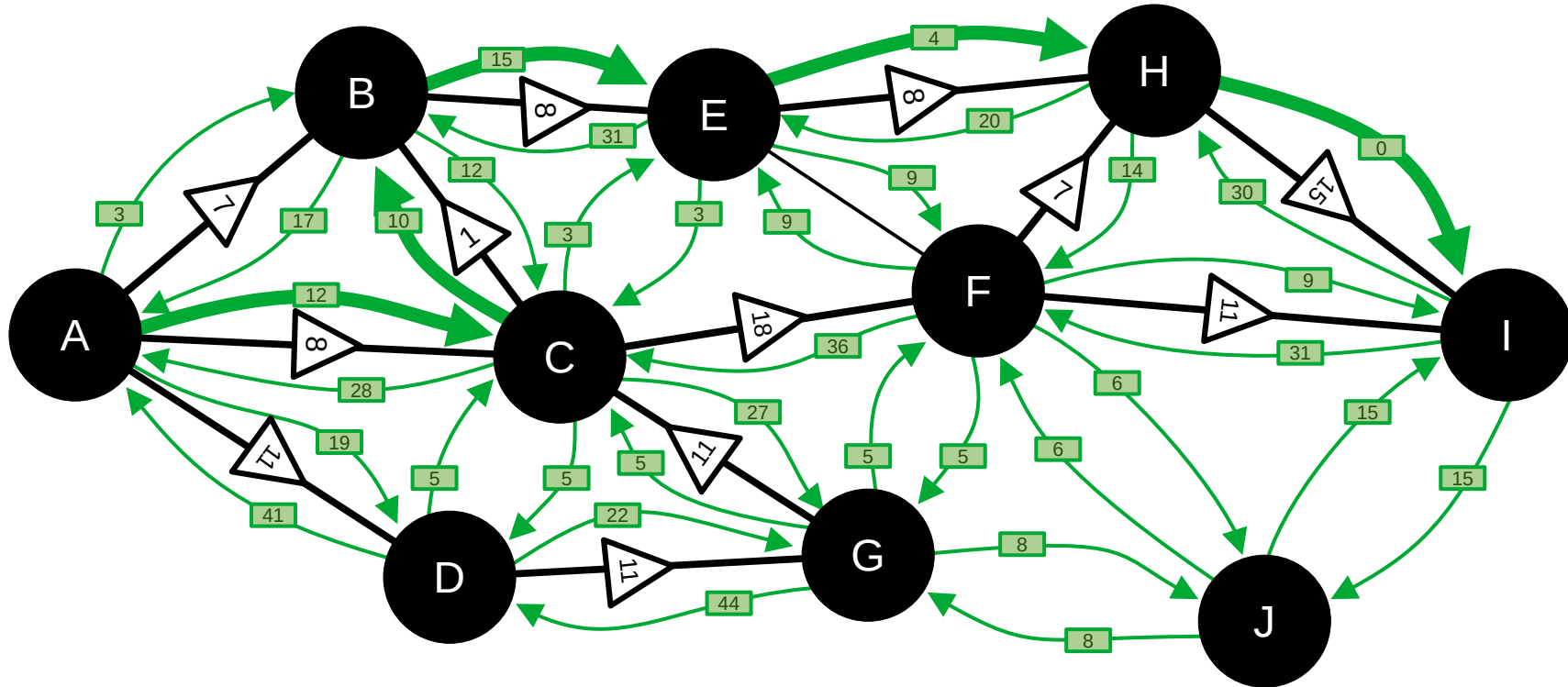
Increase potential: 8

Total flow: 18



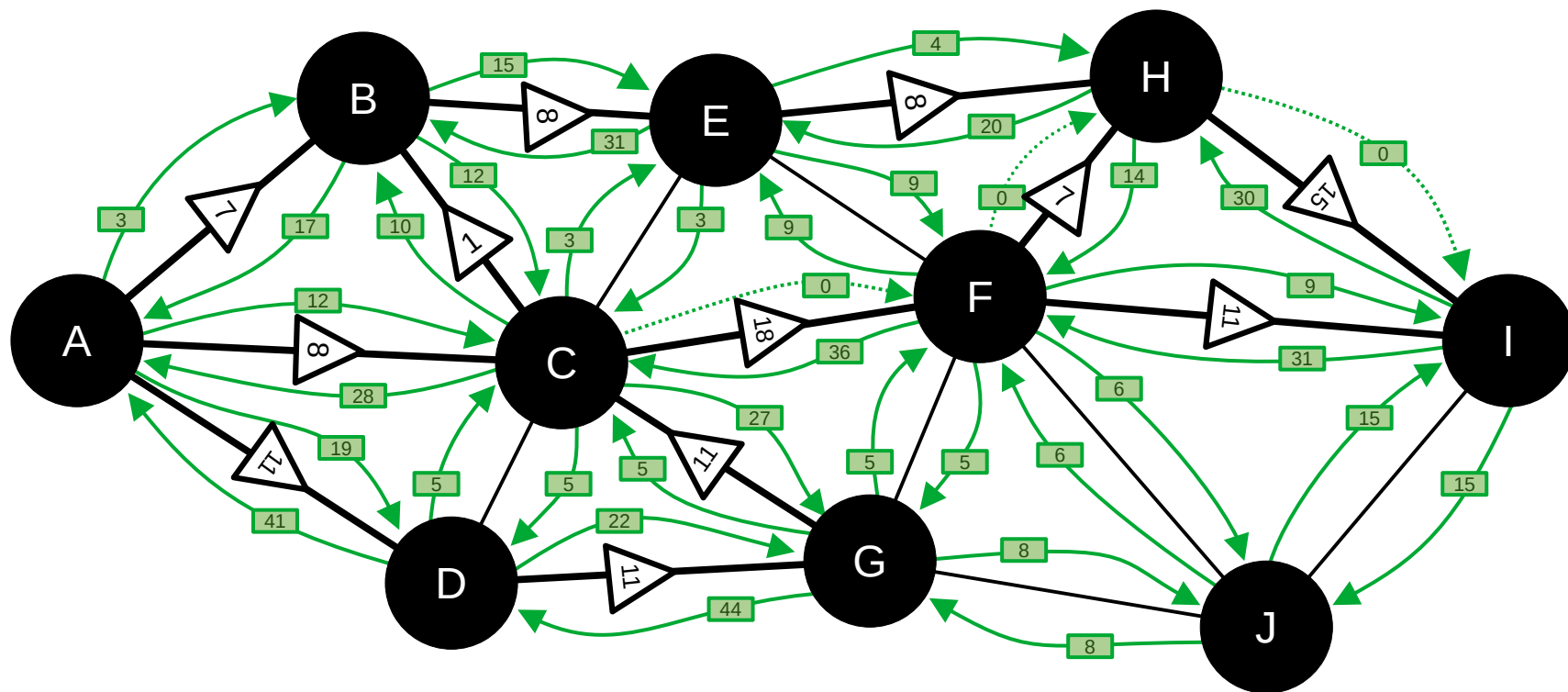
Increase potential: 8

Total flow: 26

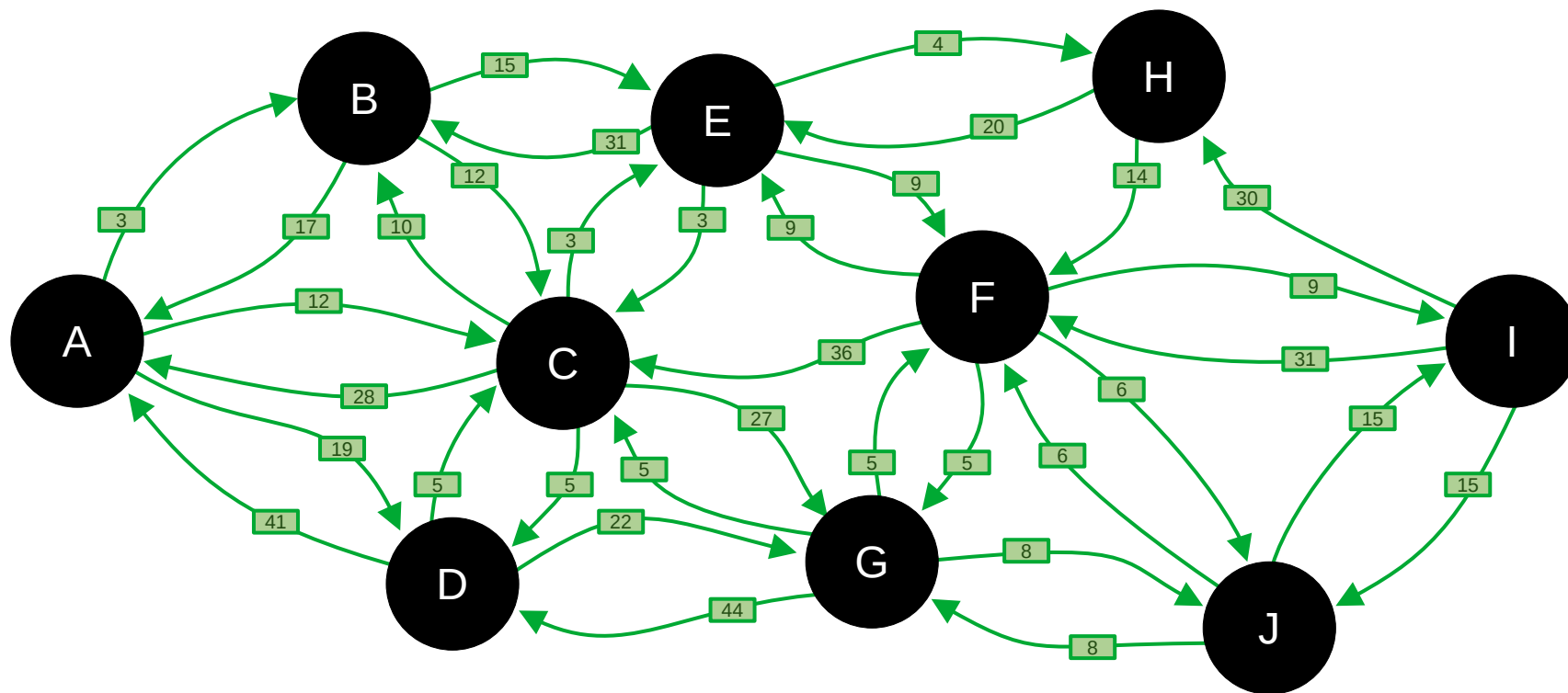


Increase potential: 0

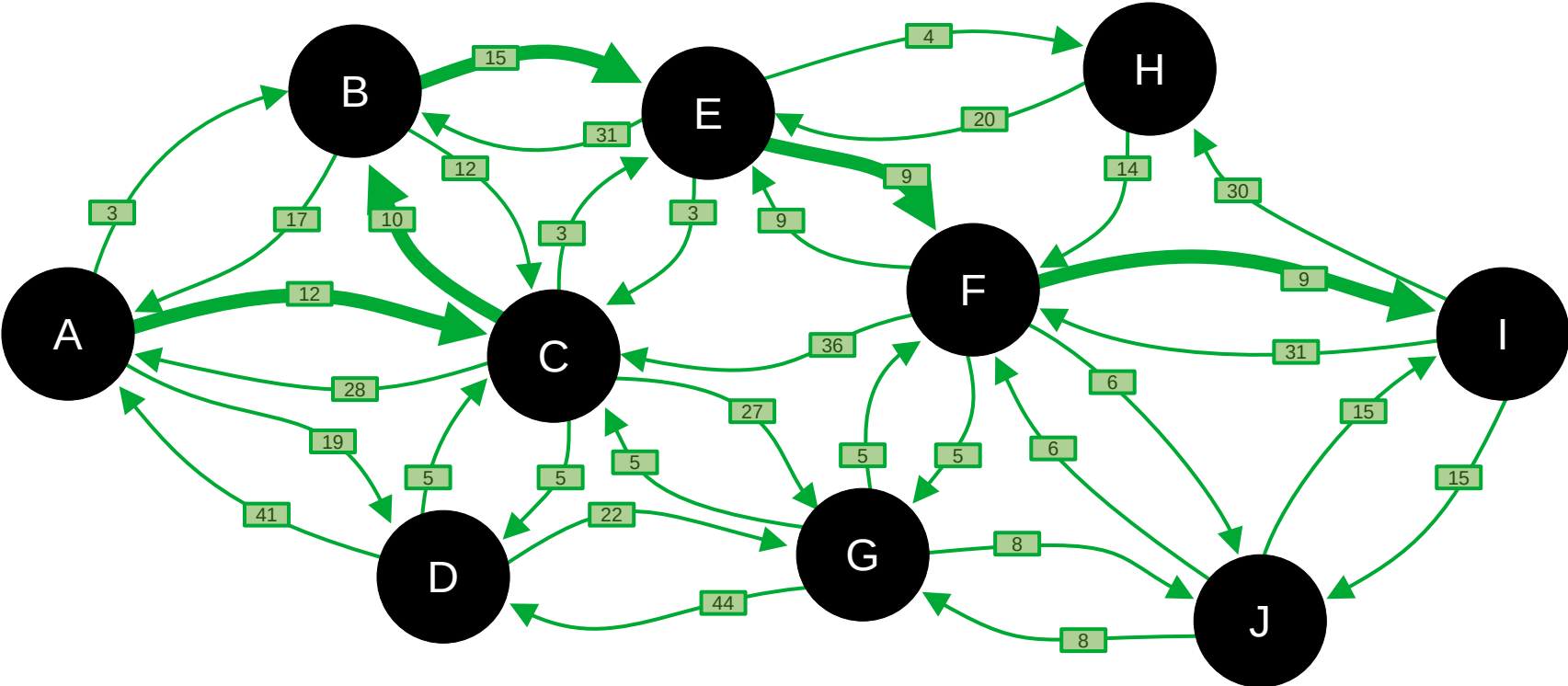
Total flow: 26



Total flow: 26

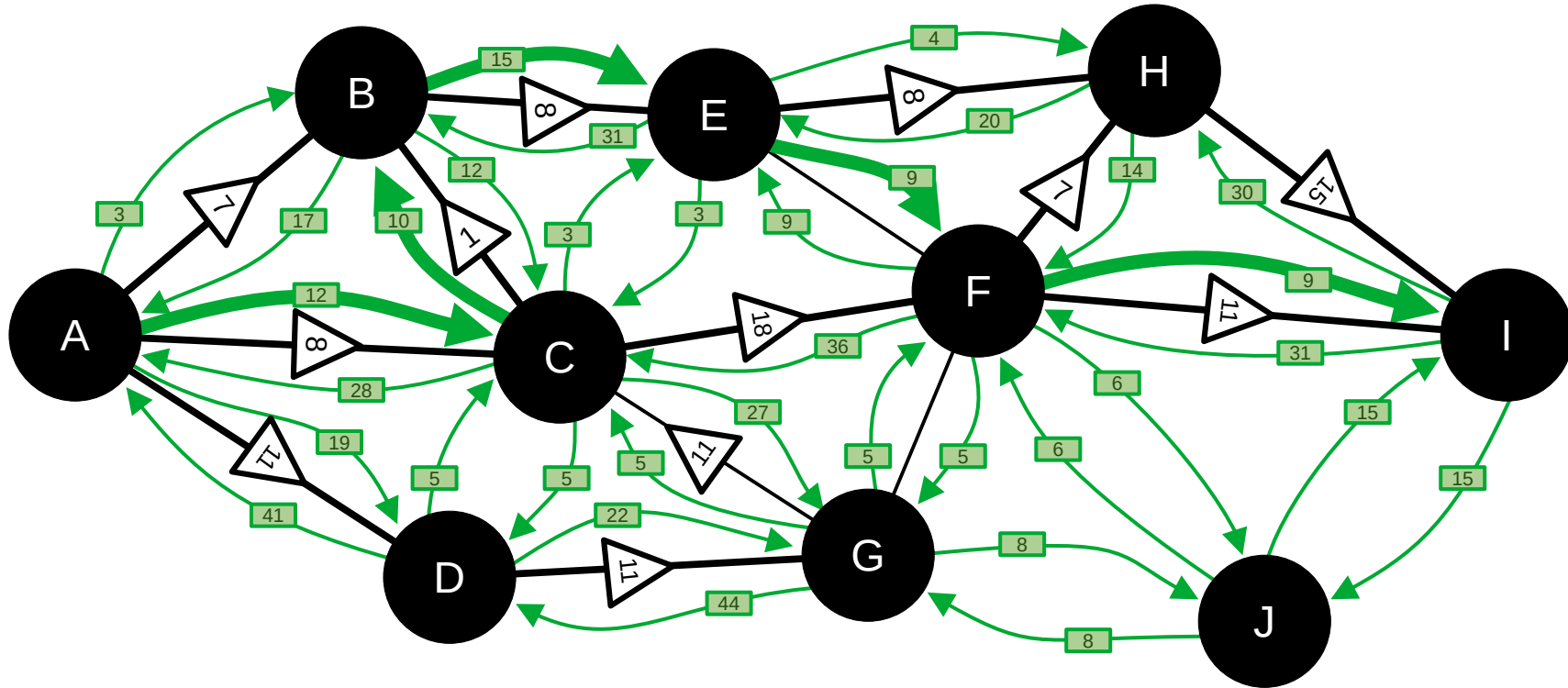


Total flow: 26



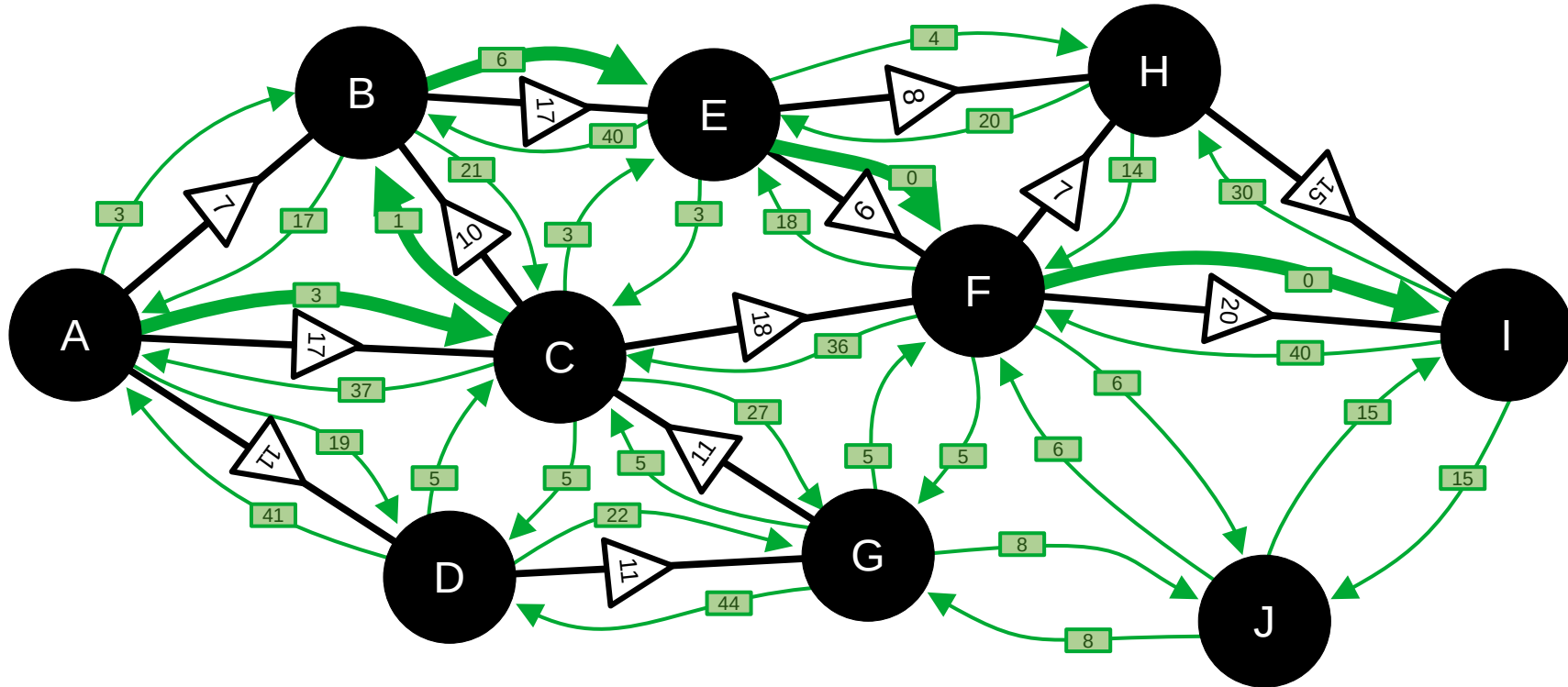
Increase potential: 9

Total flow: 26



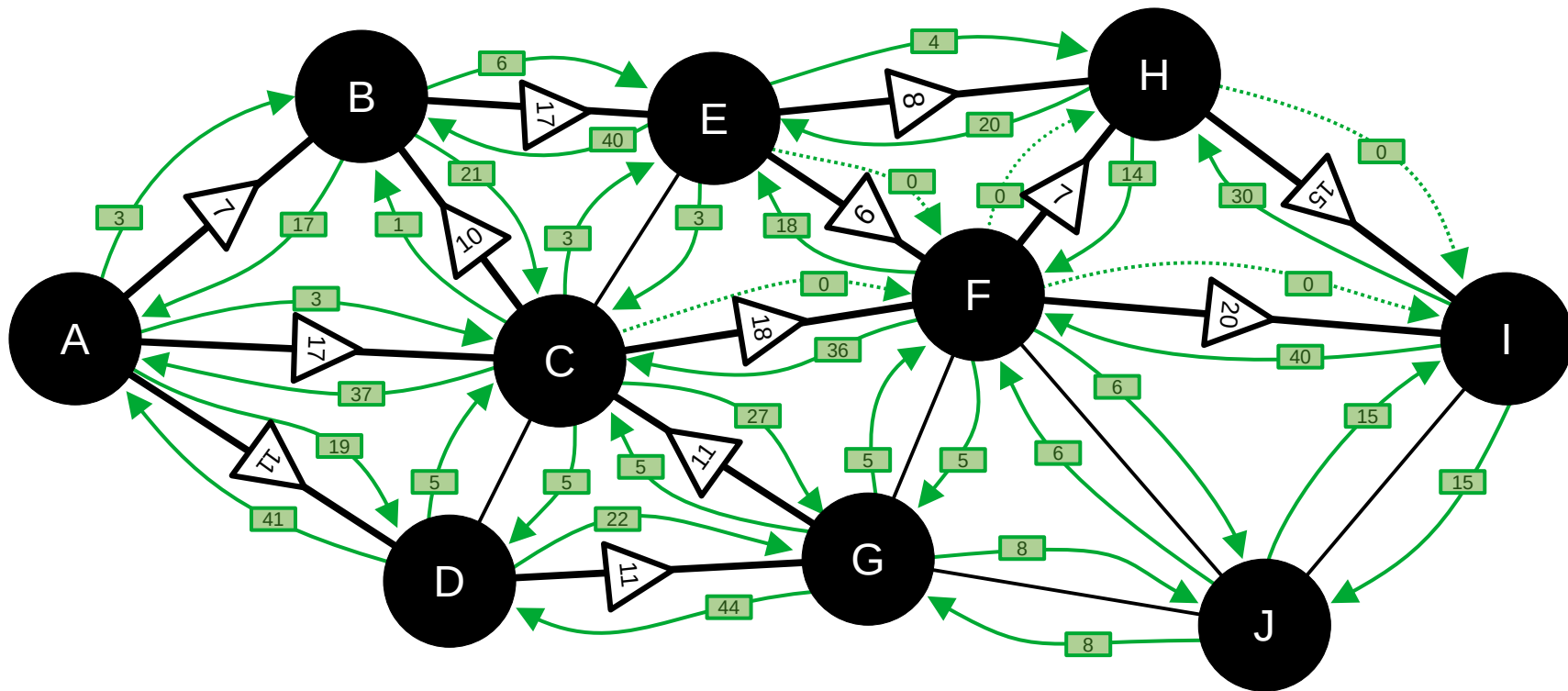
Increase potential: 9

Total flow: 35

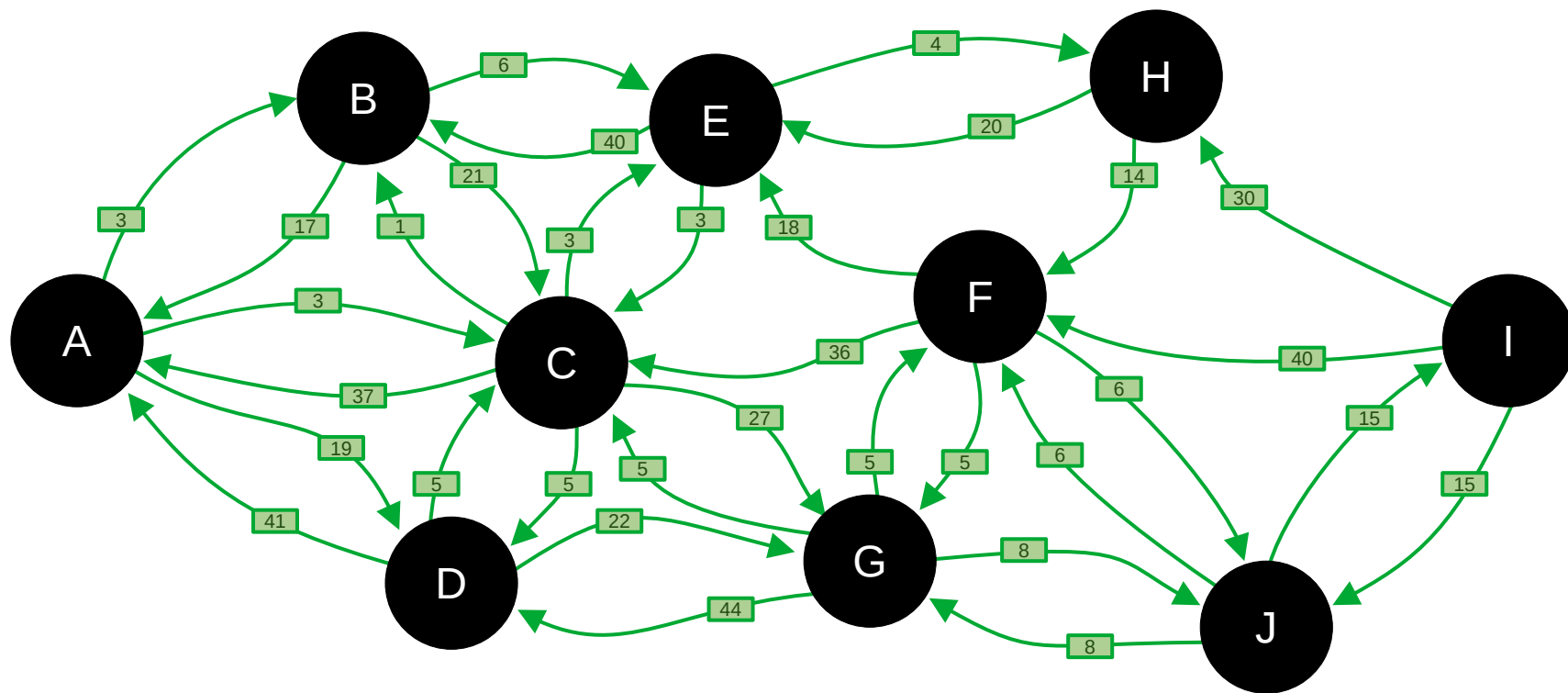


Increase potential: 0

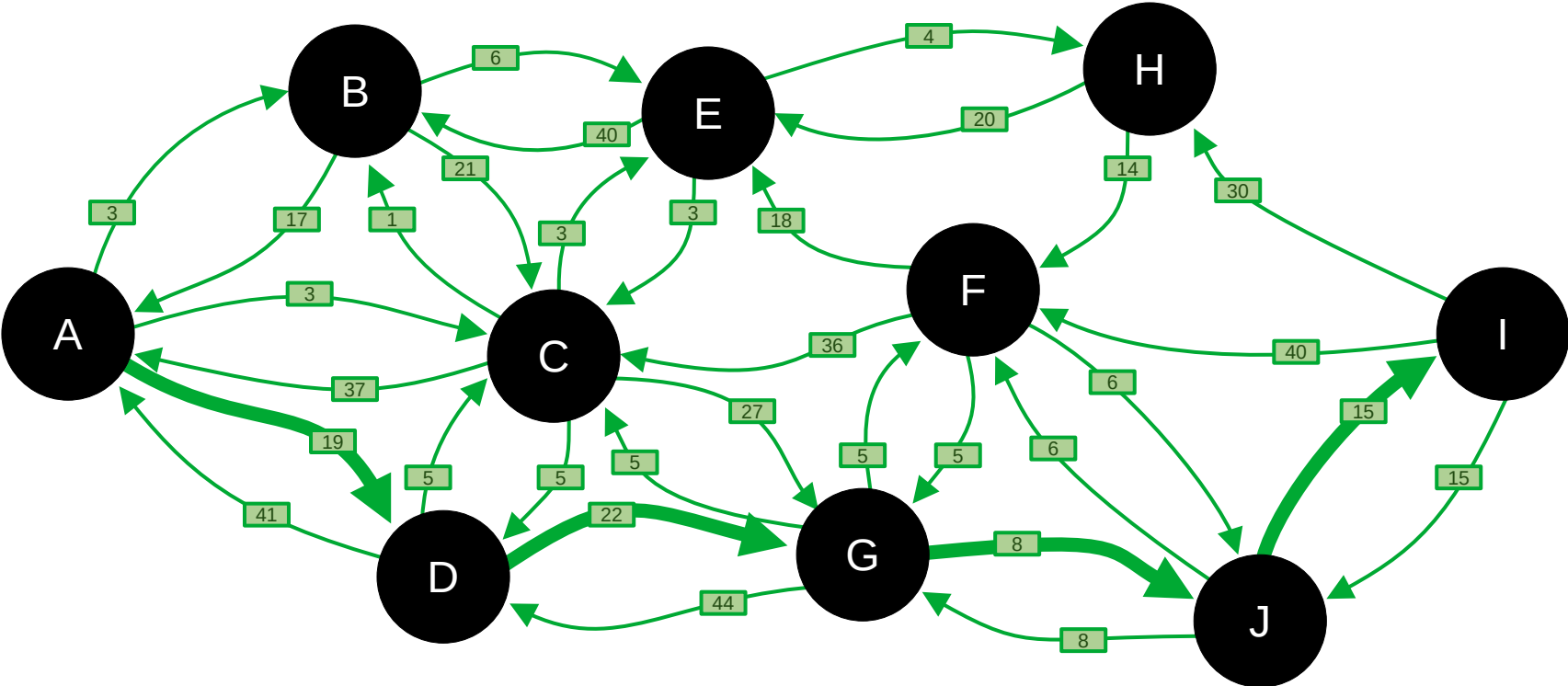
Total flow: 35



Total flow: 35

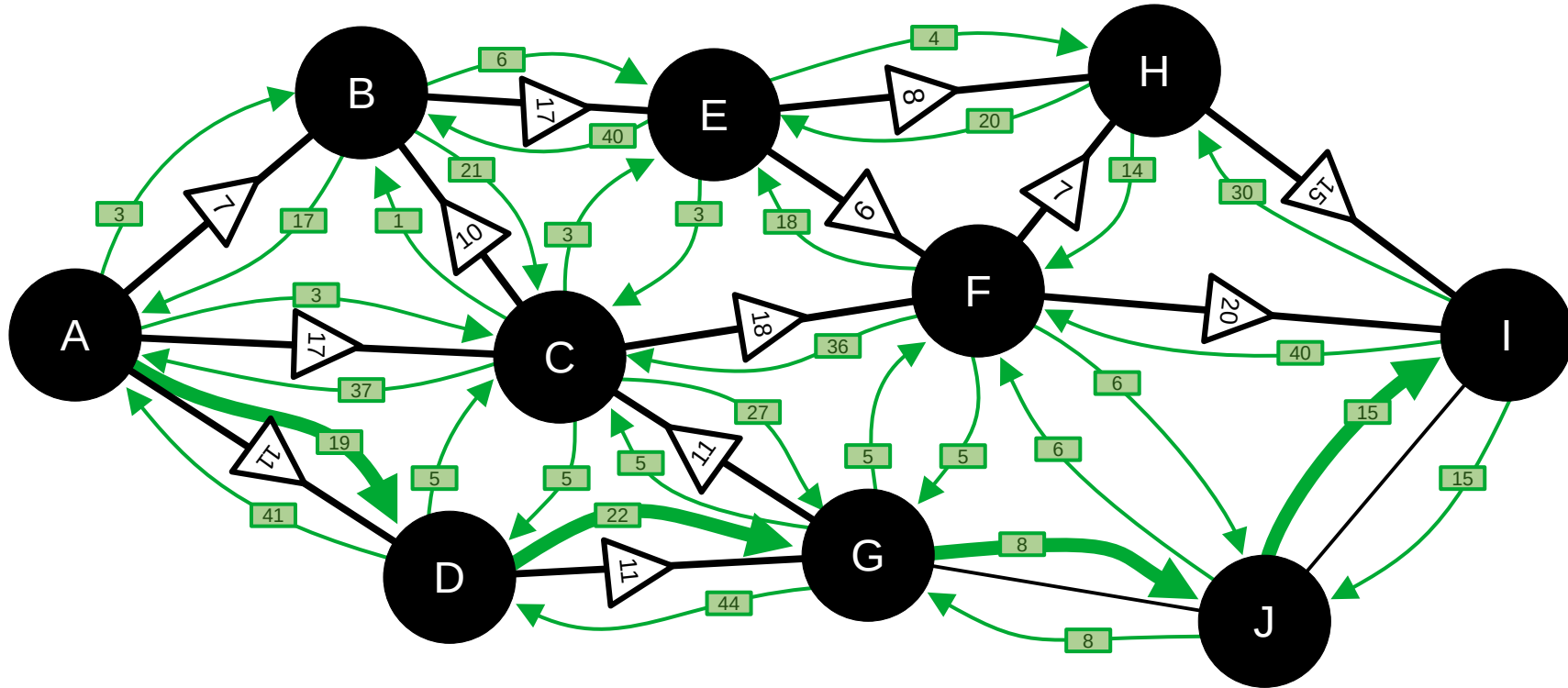


Total flow: 35



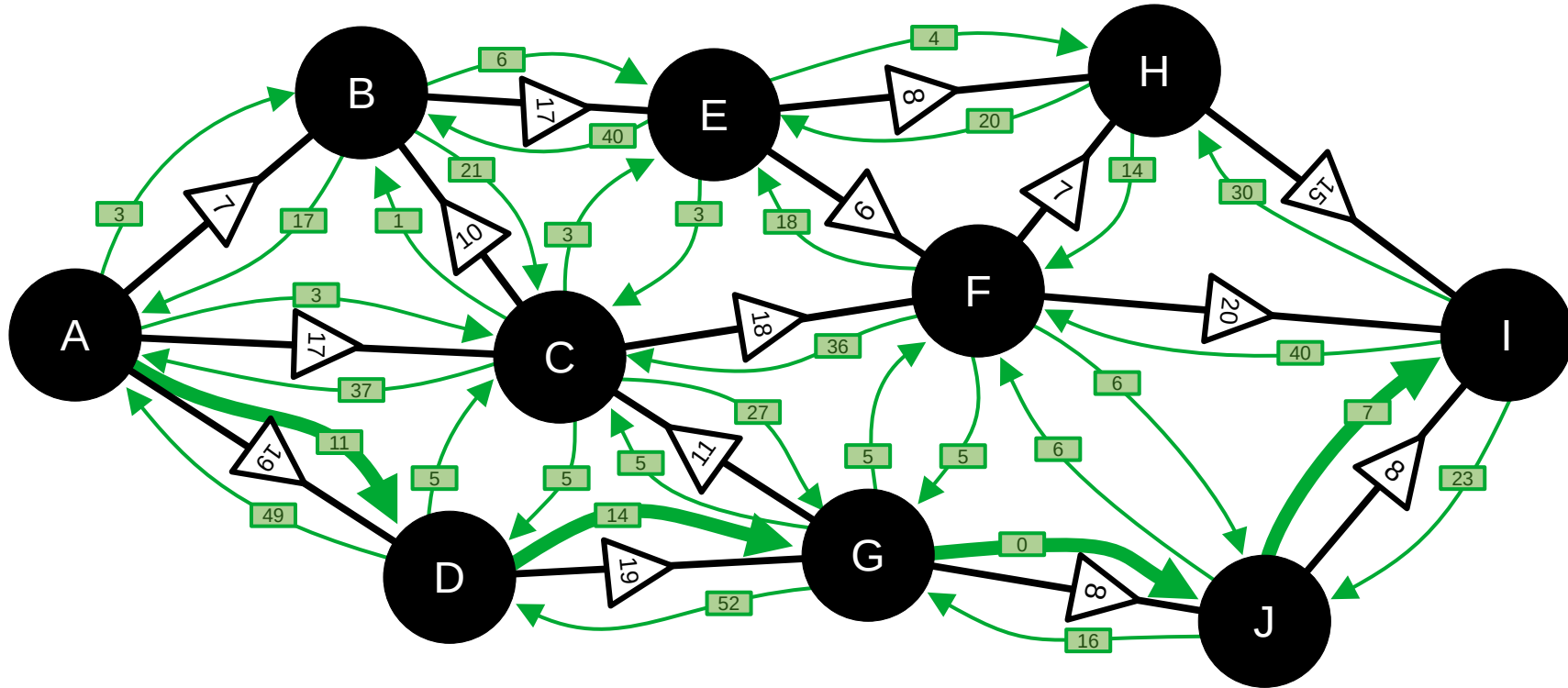
Increase potential: 8

Total flow: 35



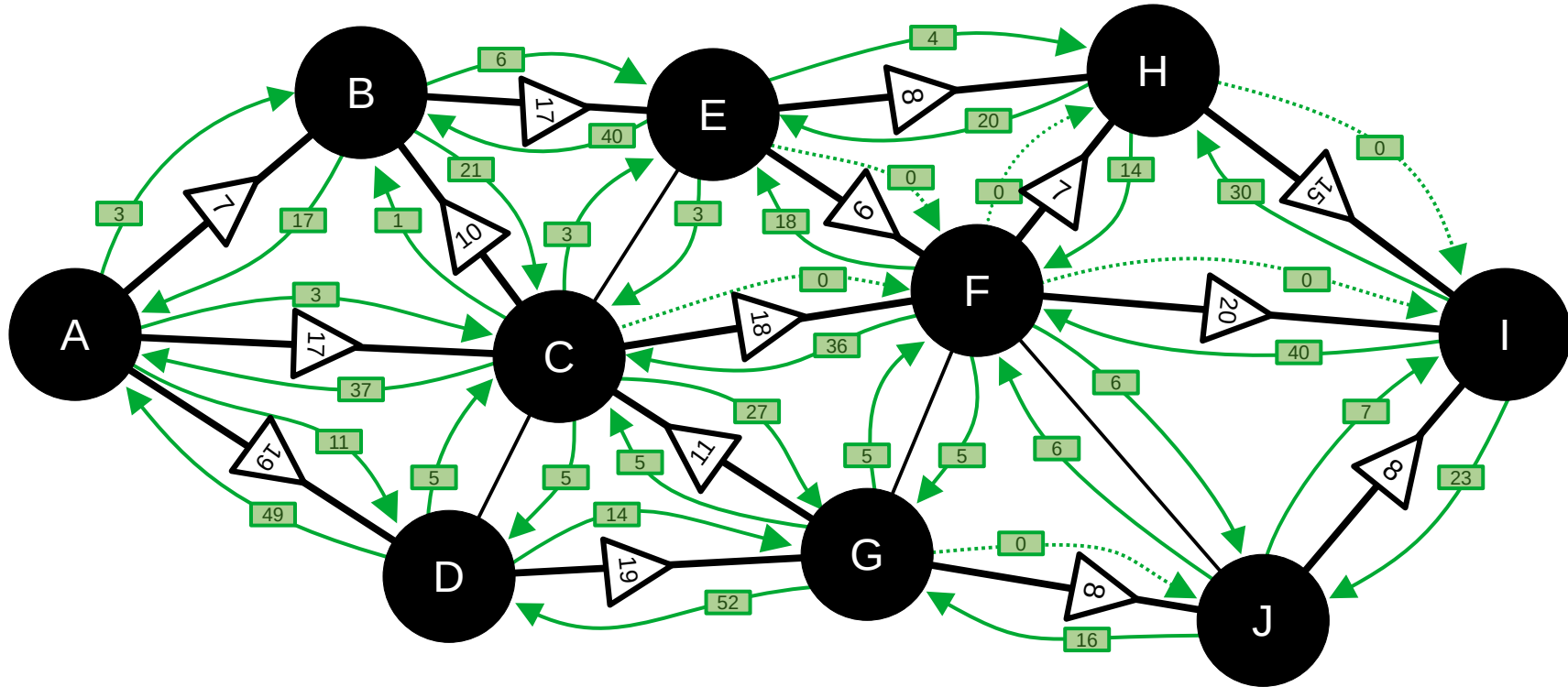
Increase potential: 8

Total flow: 43

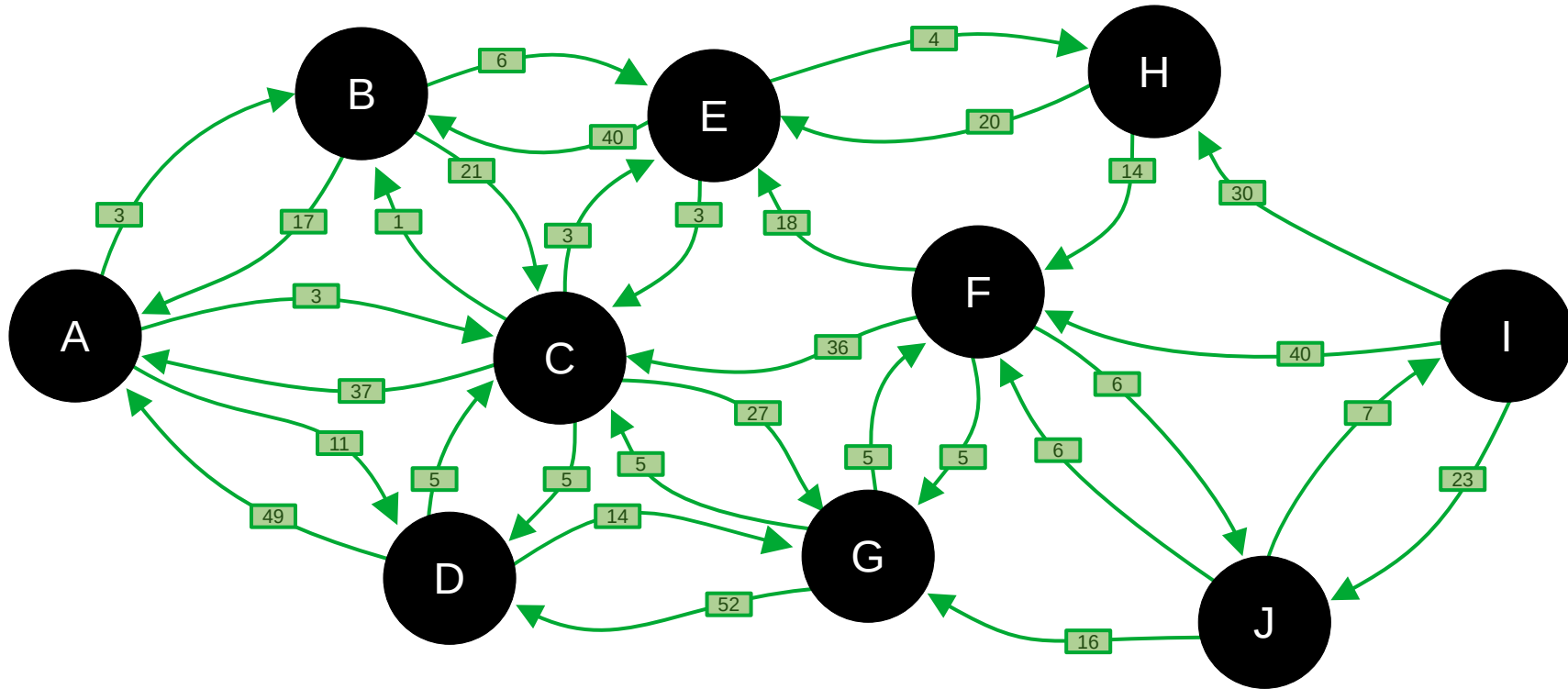


Increase potential: 0

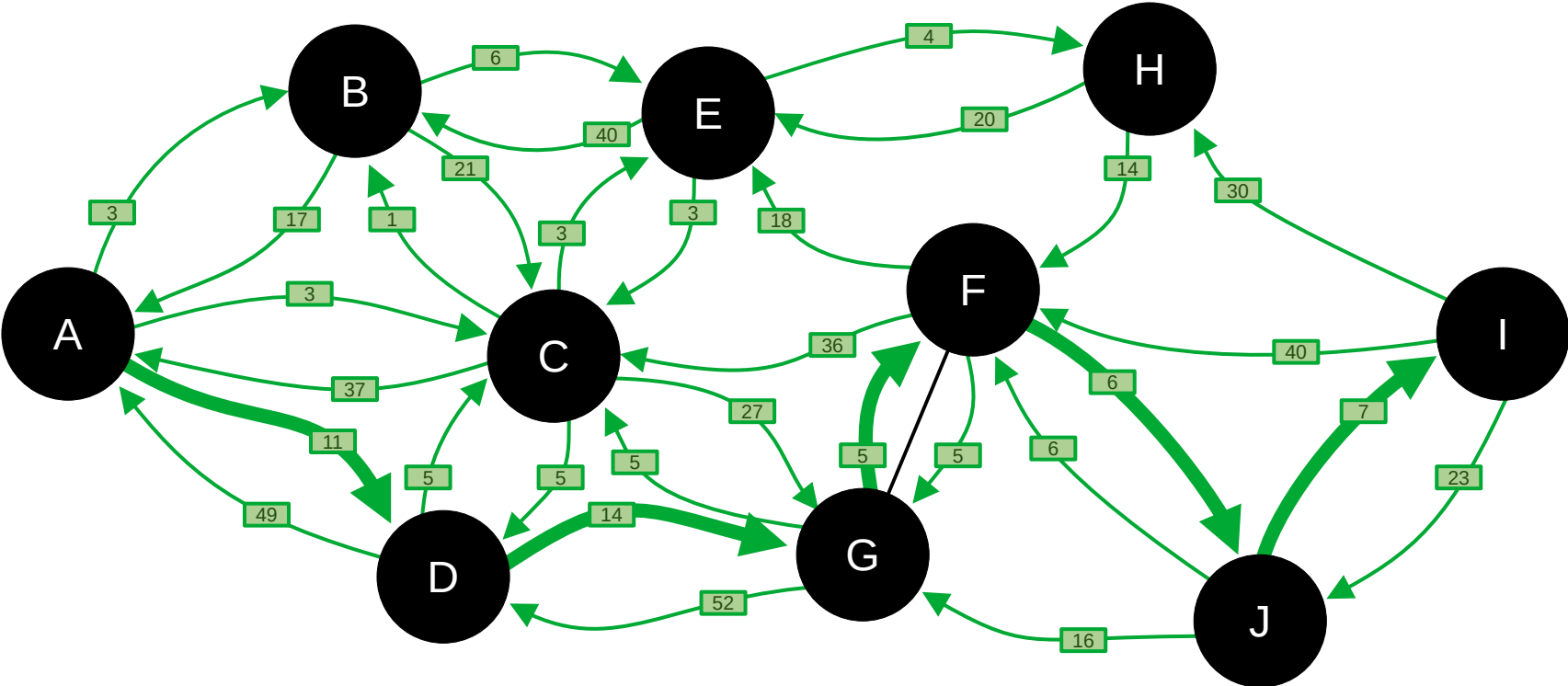
Total flow: 43



Total flow: 43

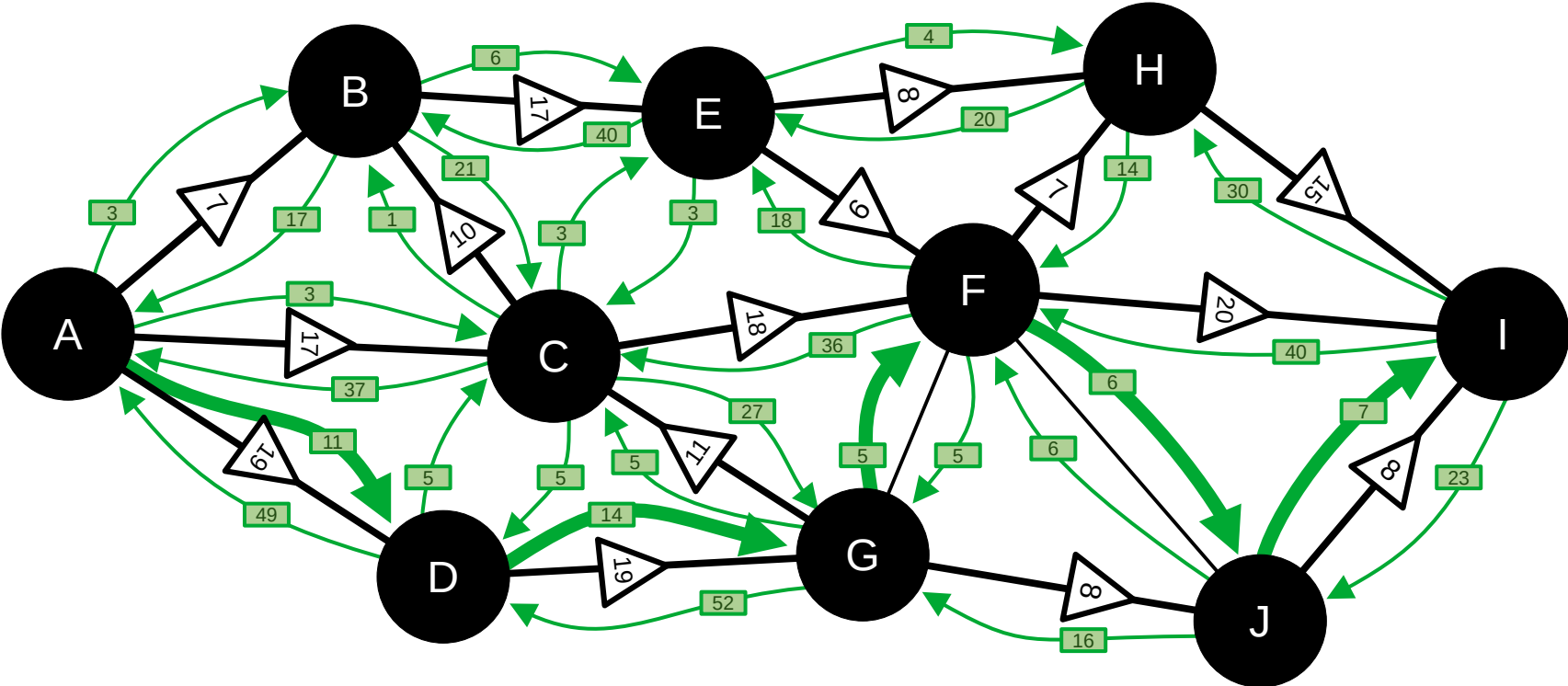


Total flow: 43



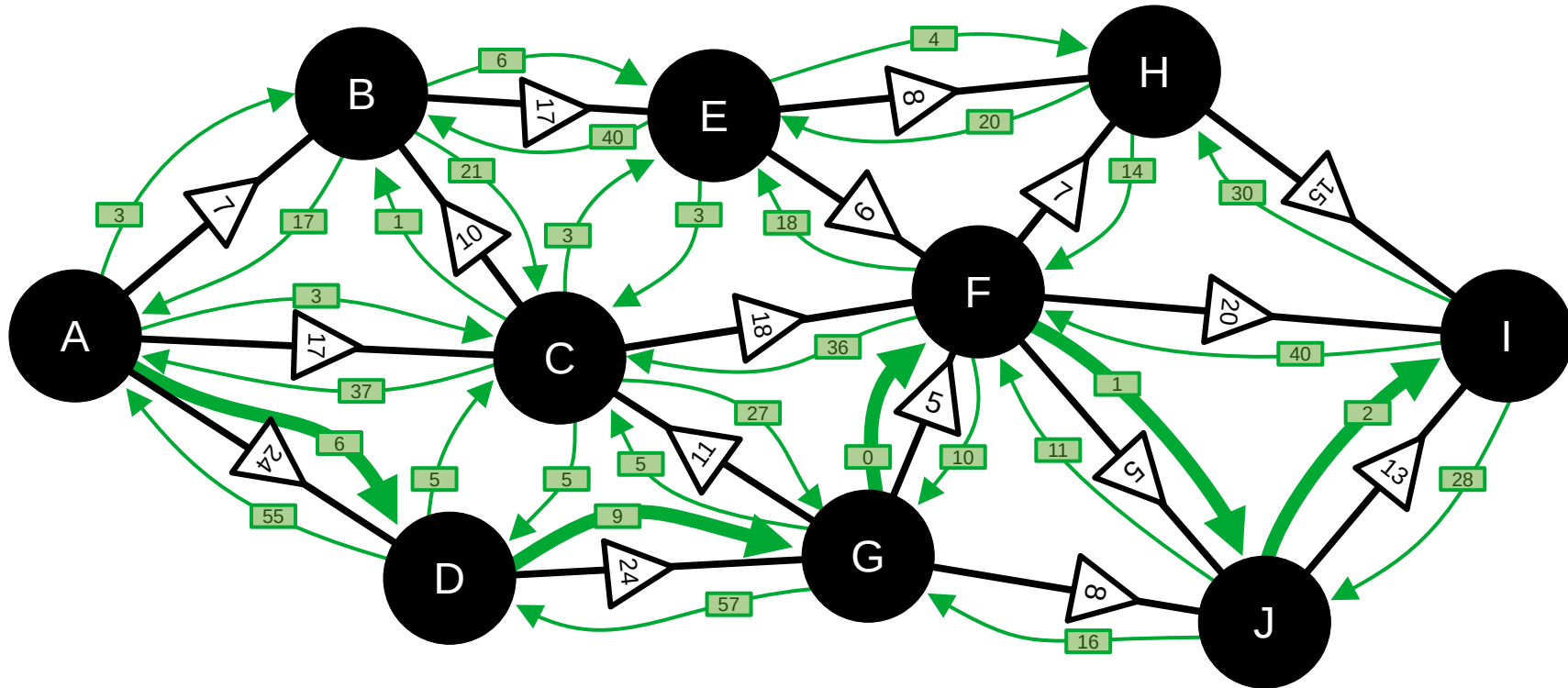
Increase potential: 5

Total flow: 43



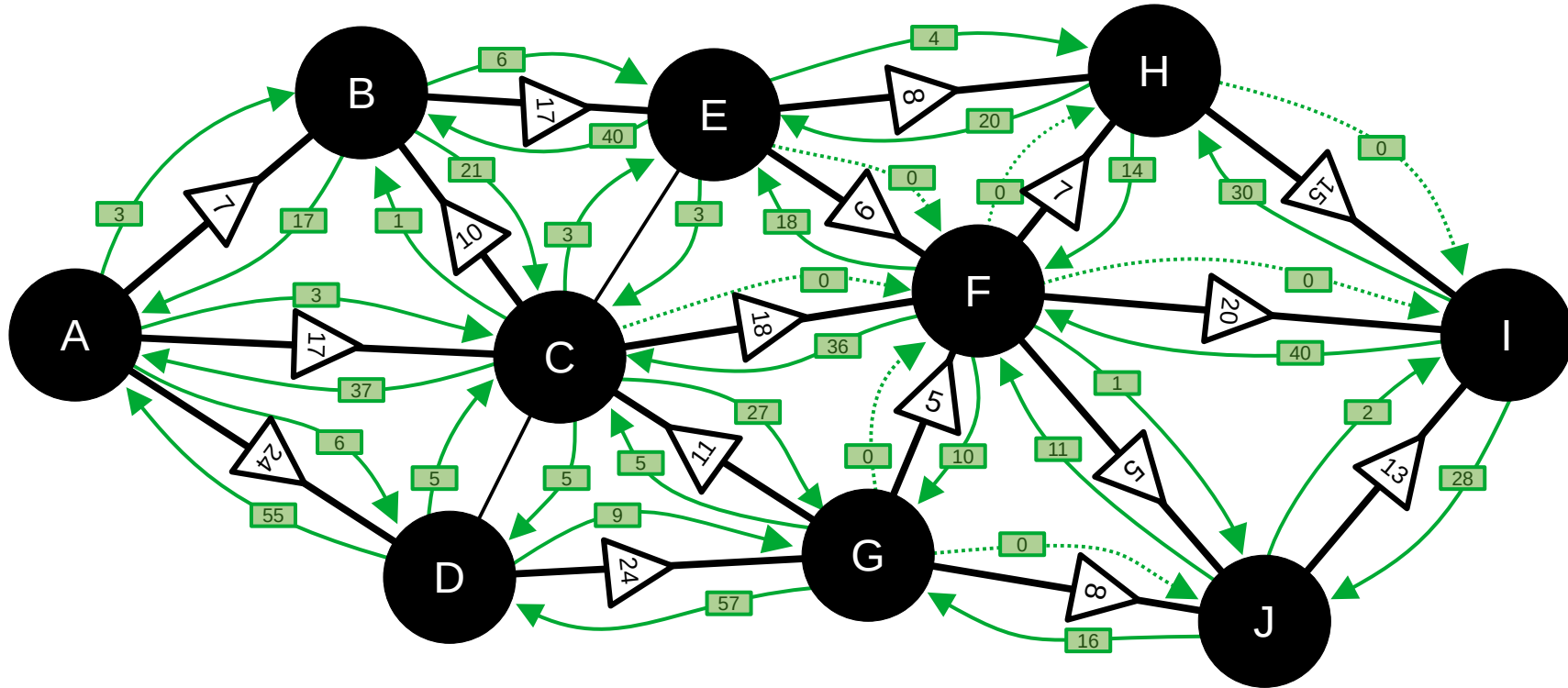
Increase potential: 5

Total flow: 48

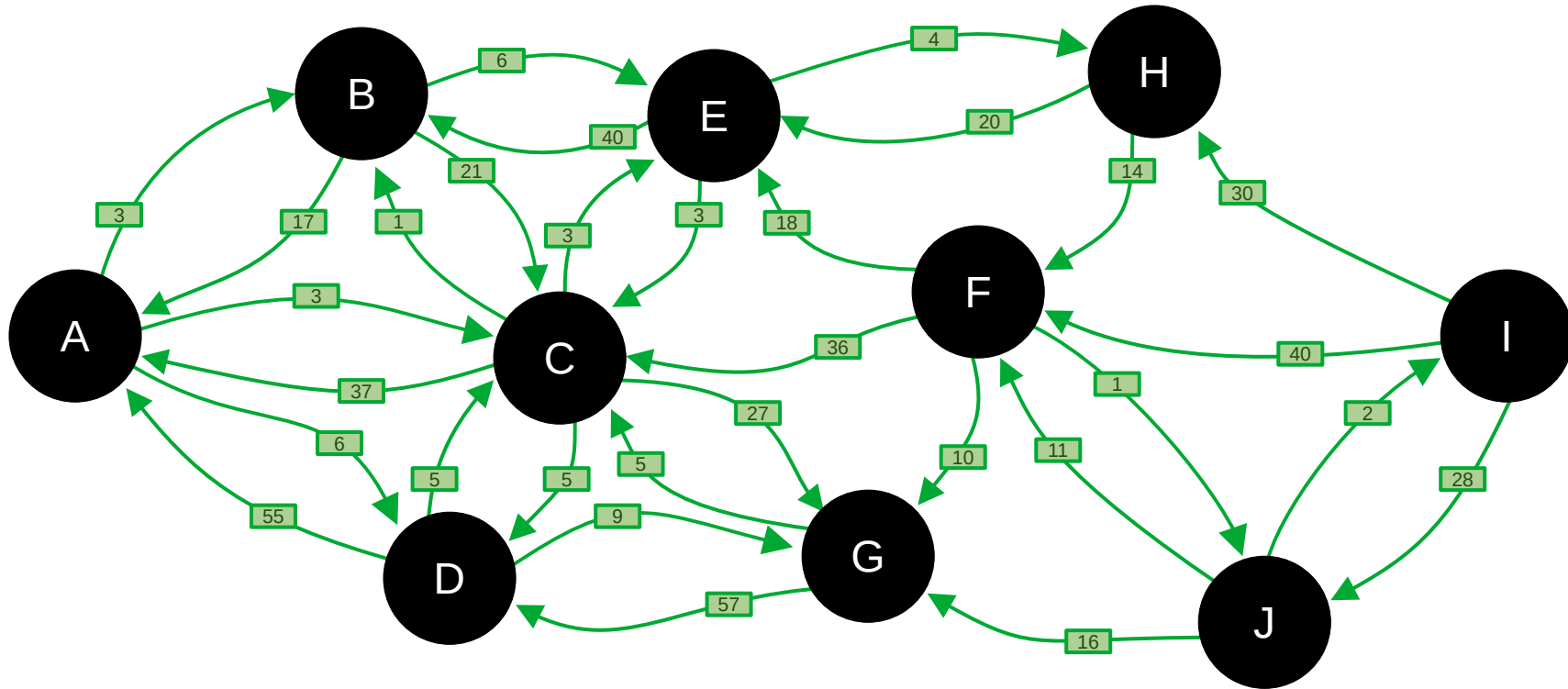


Increase potential: 0

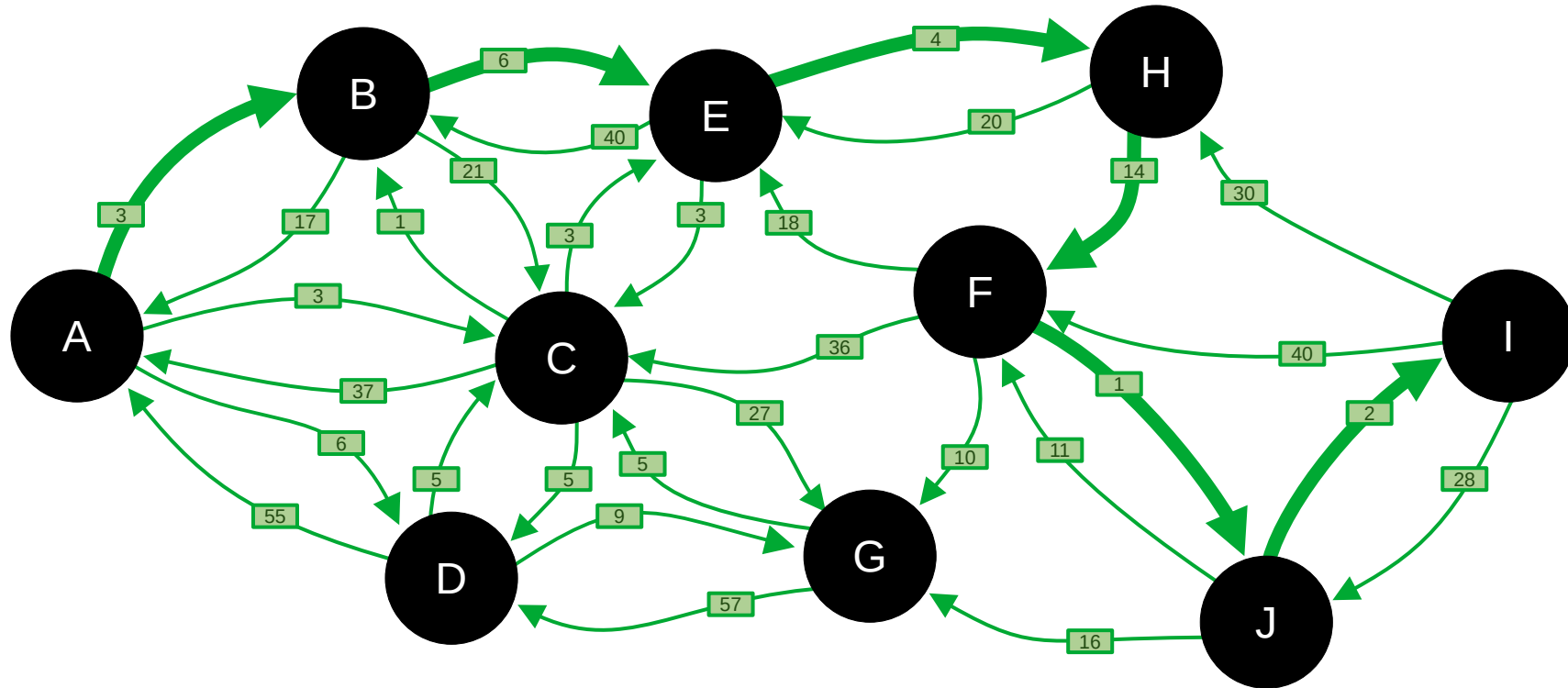
Total flow: 48



Total flow: 48

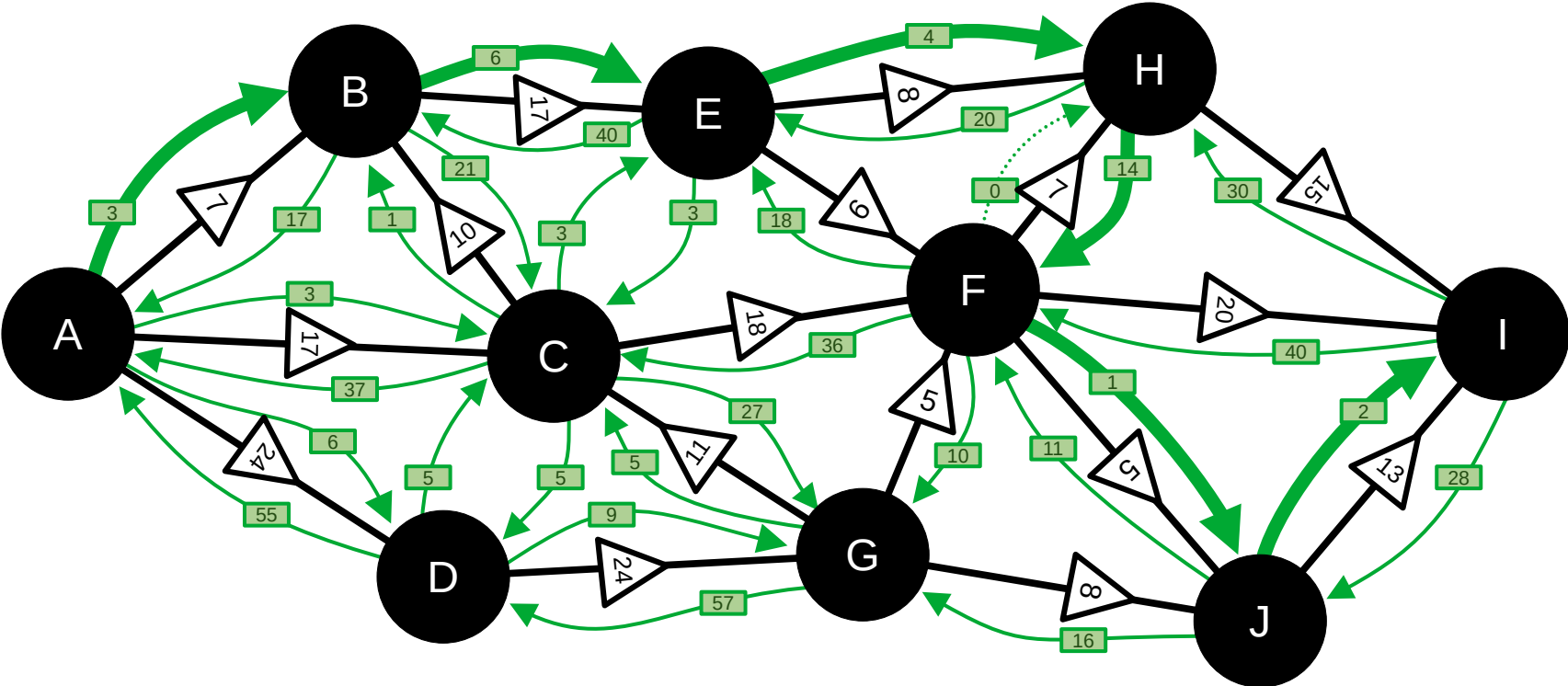


Total flow: 48



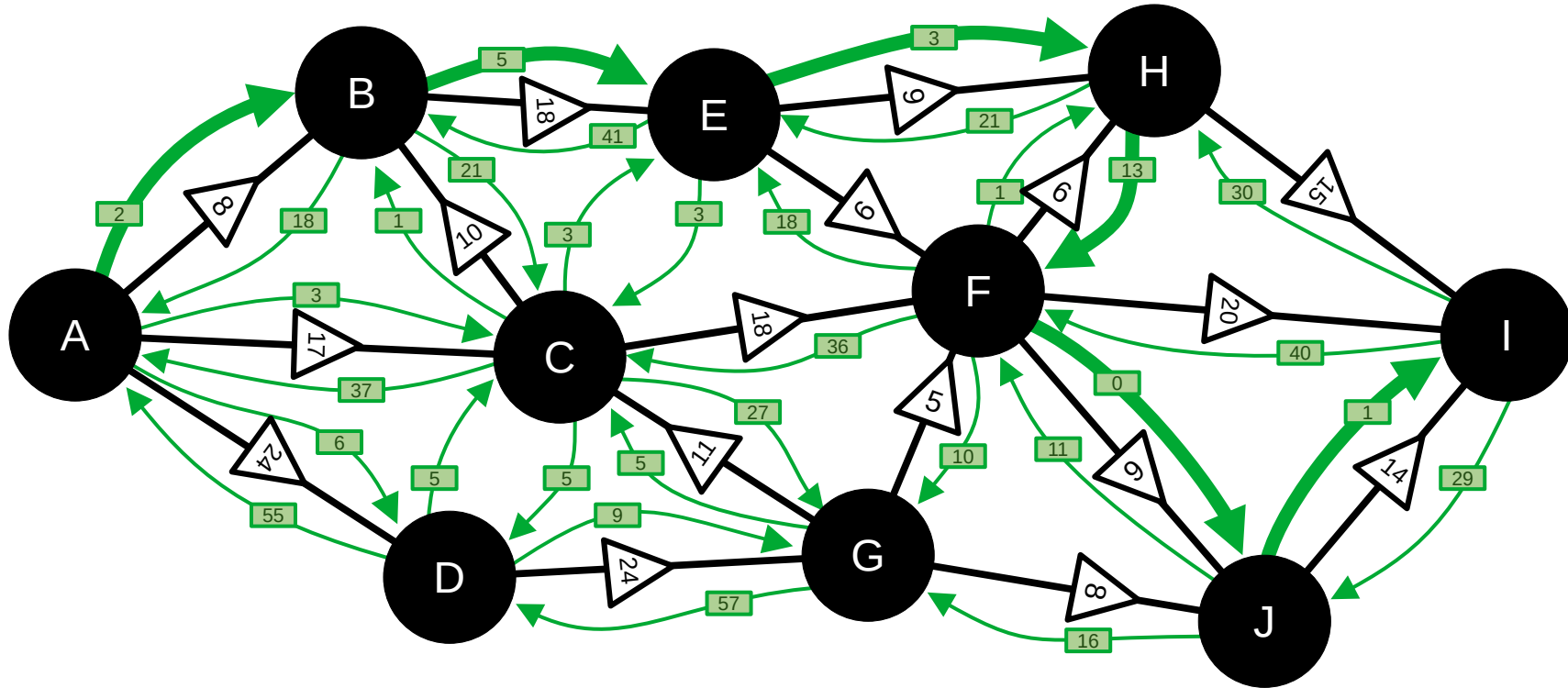
Increase potential: 1

Total flow: 48



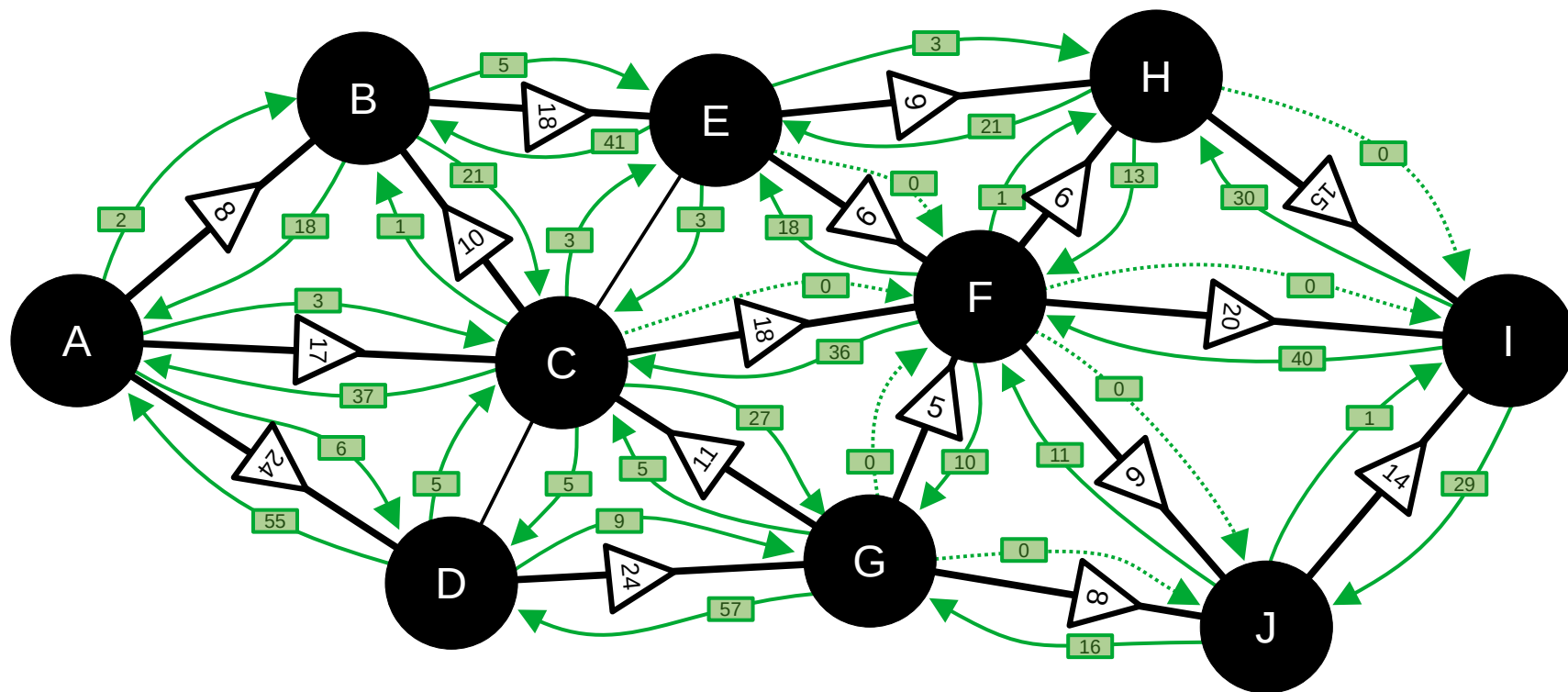
Increase potential: 1

Total flow: 49

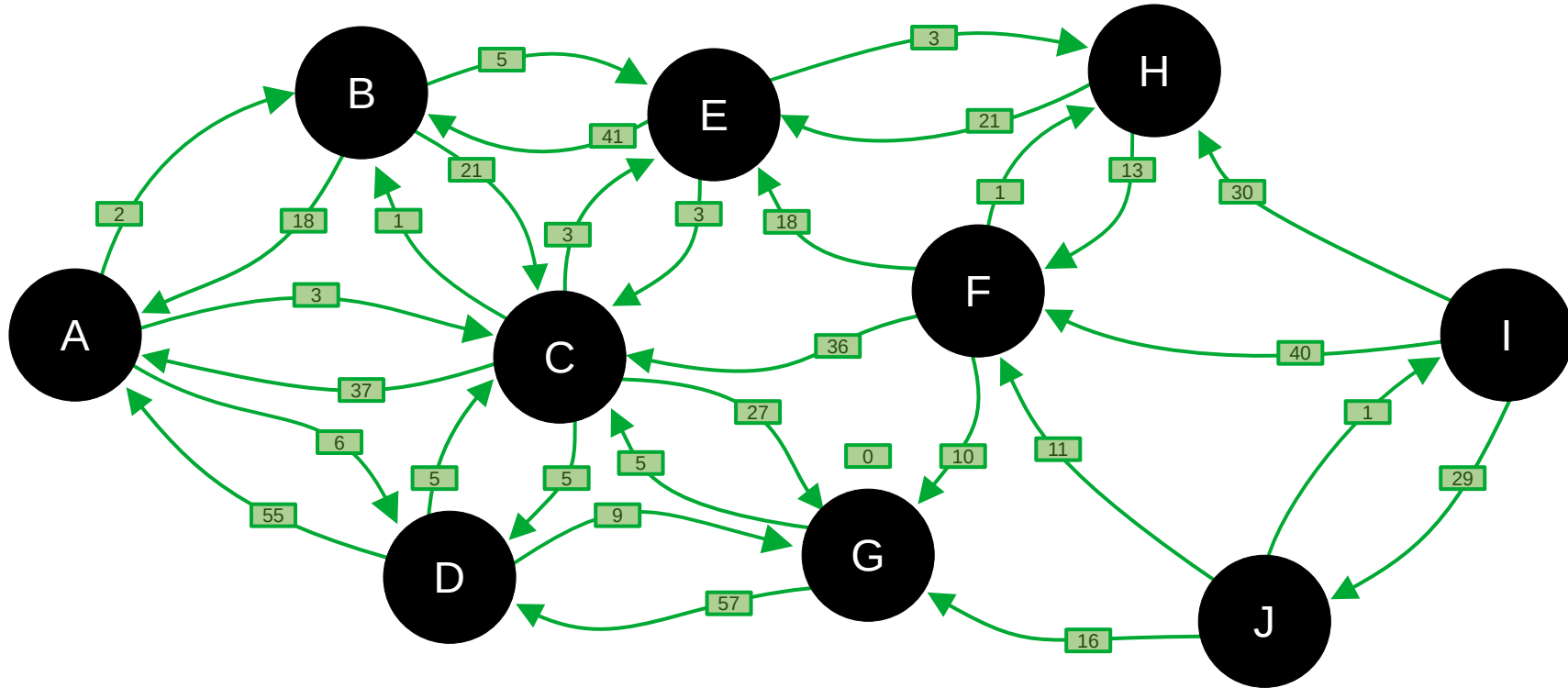


Increase potential: 0

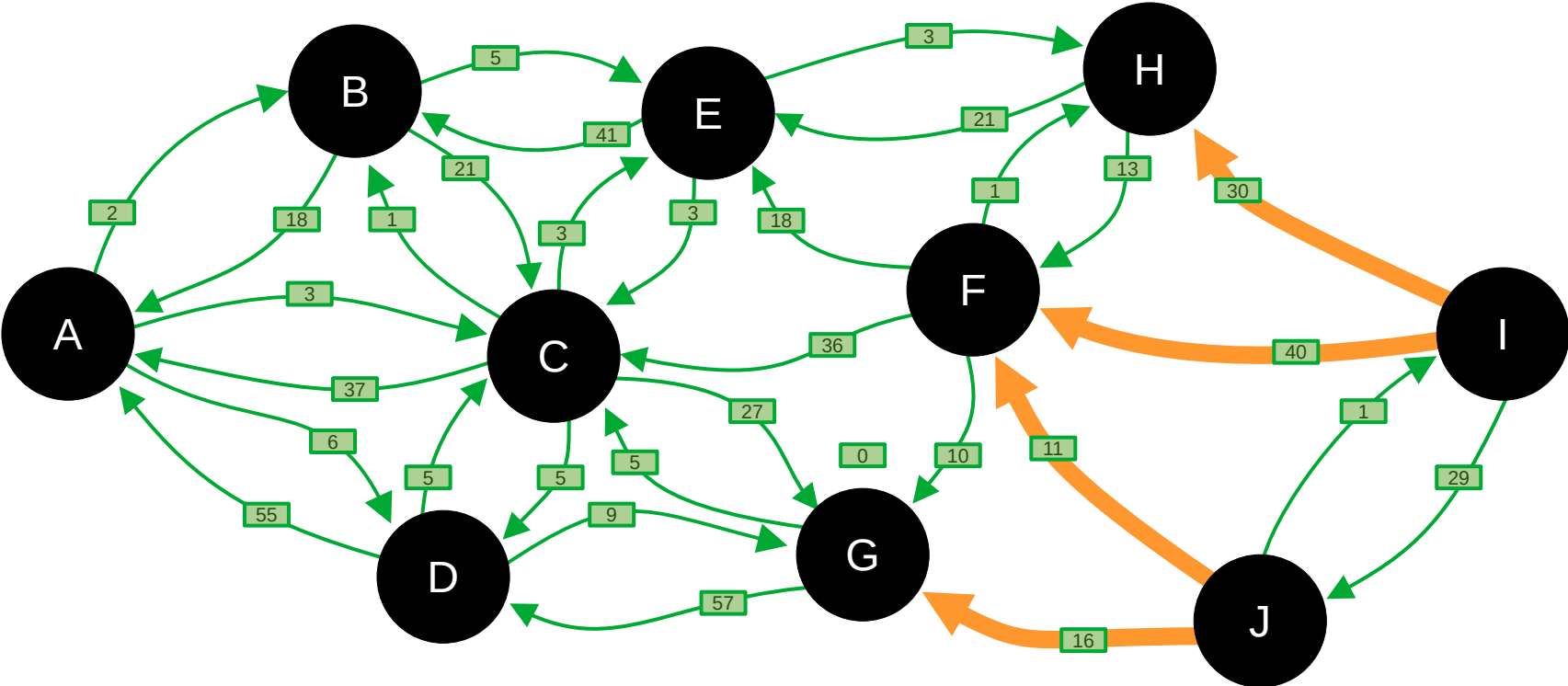
Total flow: 49



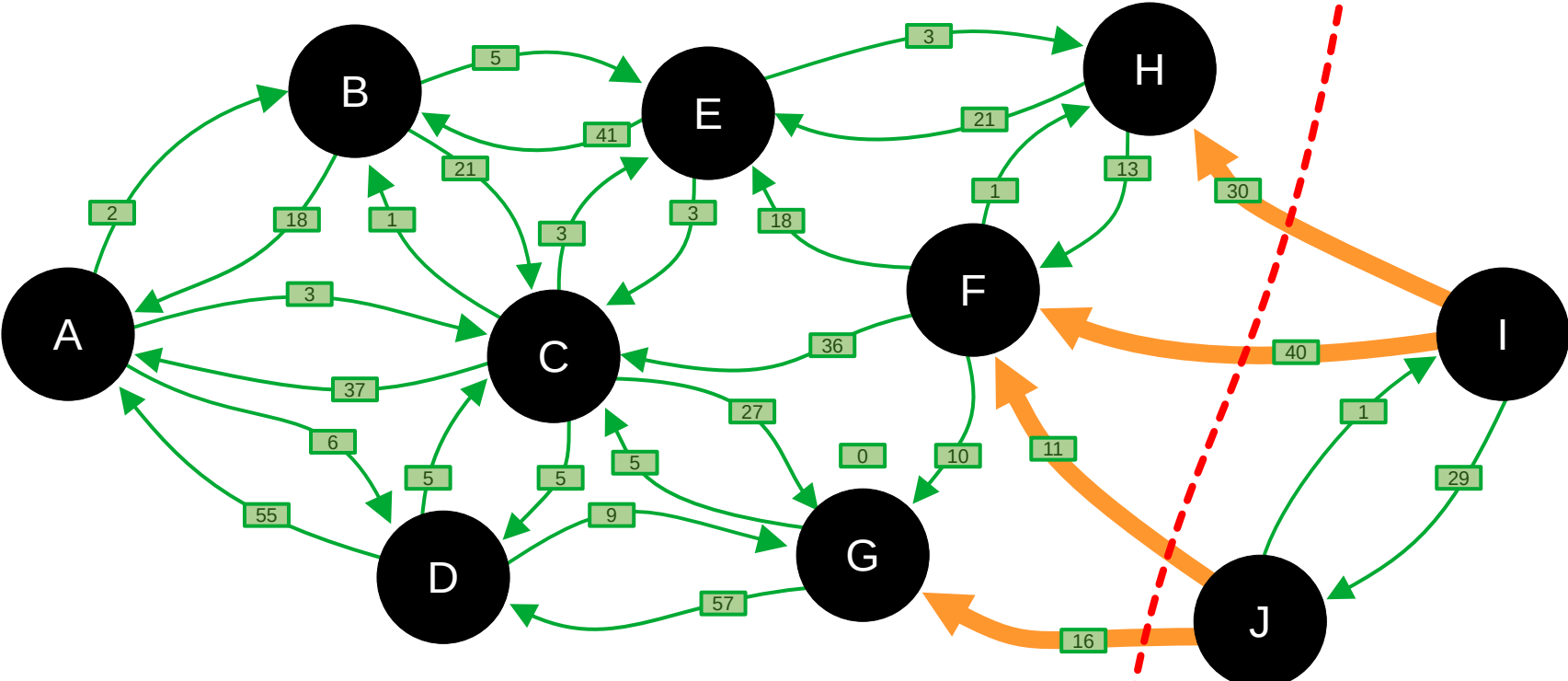
Total flow: 49



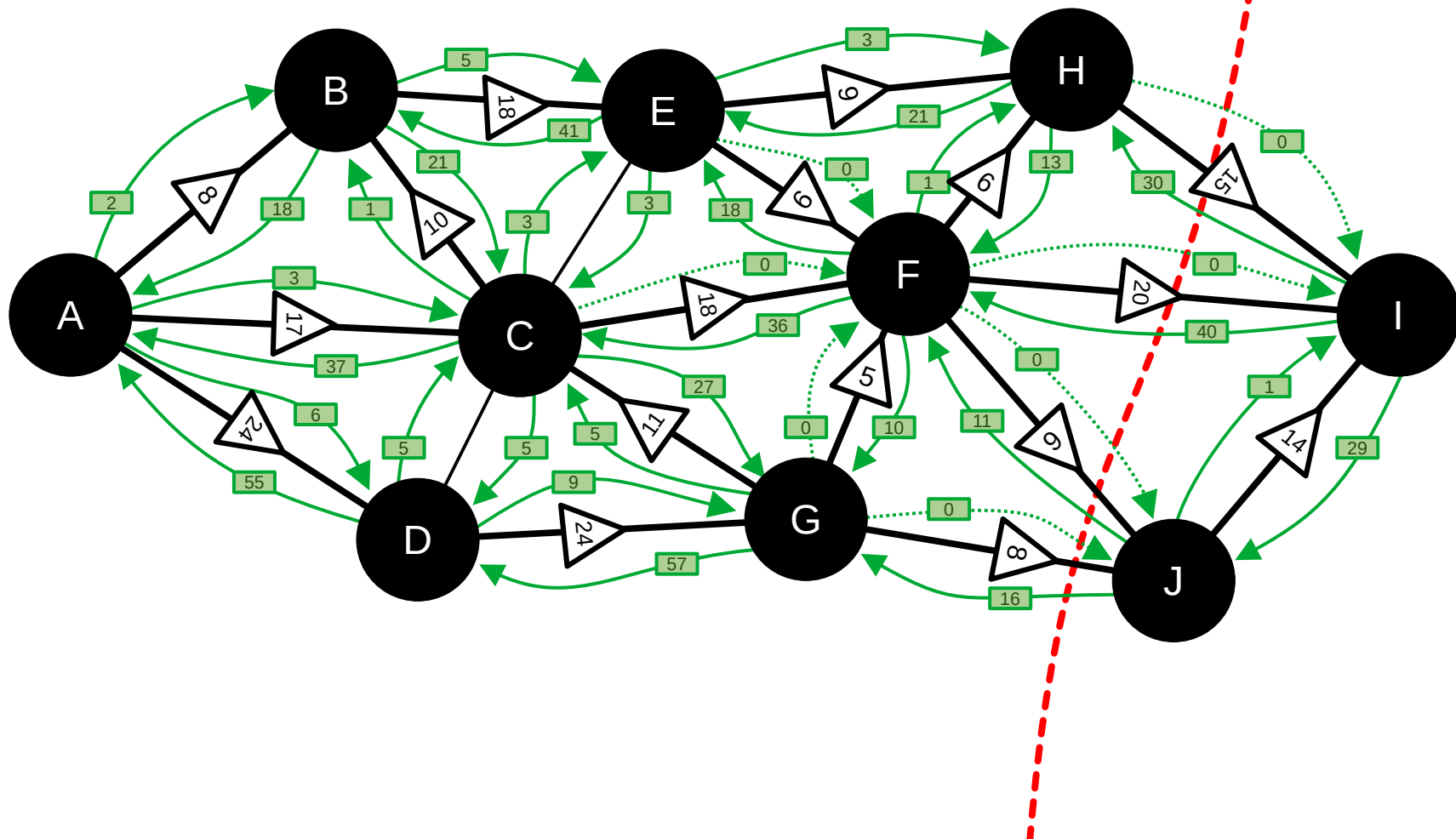
Total flow: 49



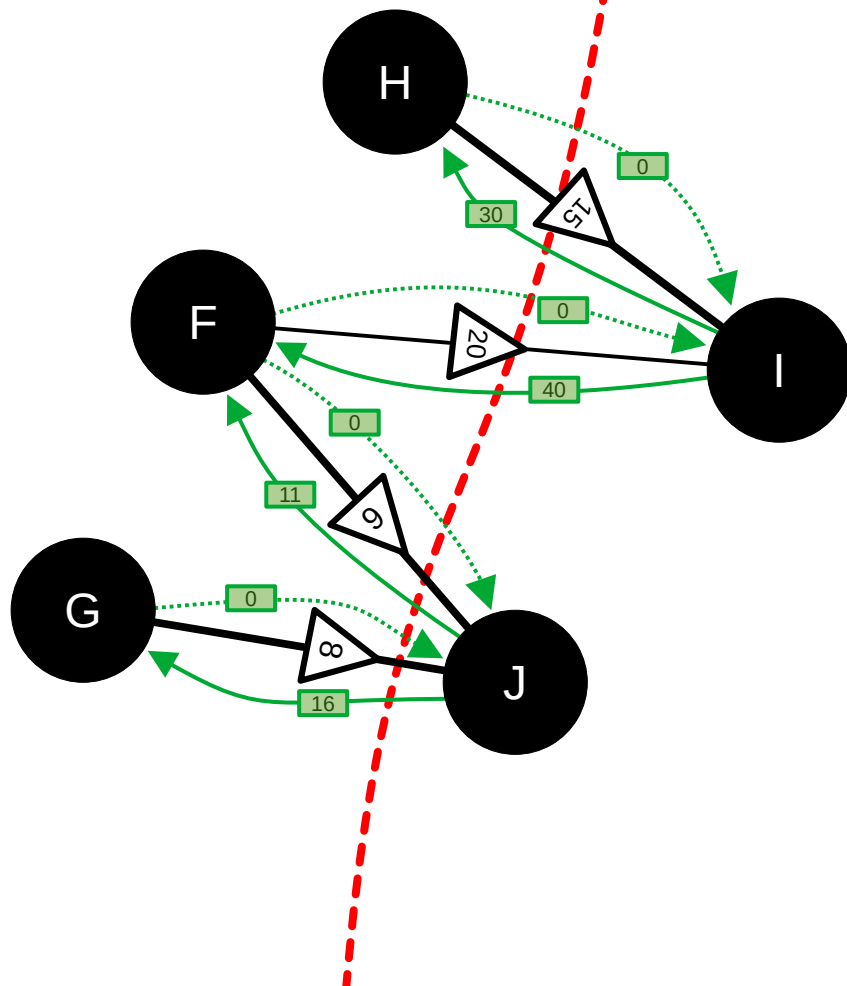
Total flow: 49



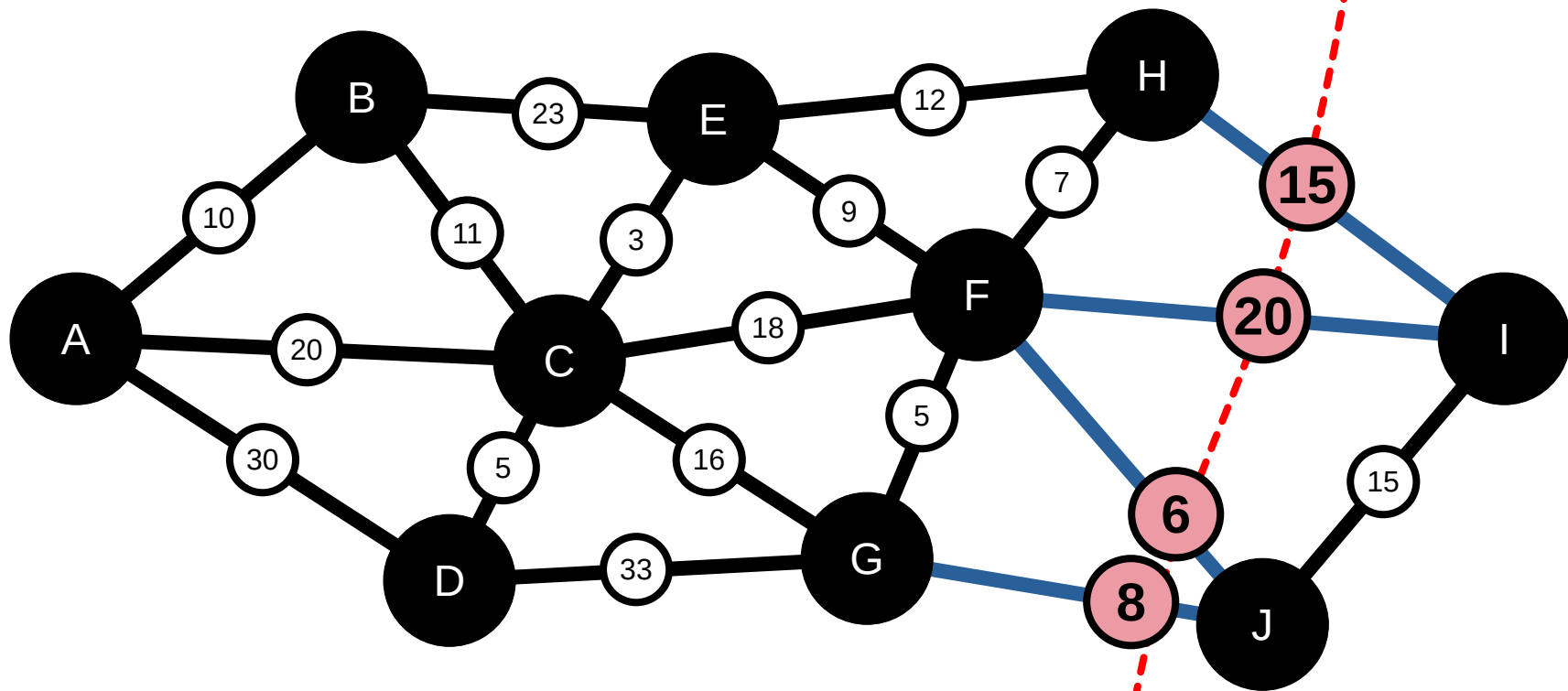
Total flow: 49



Total flow: 49

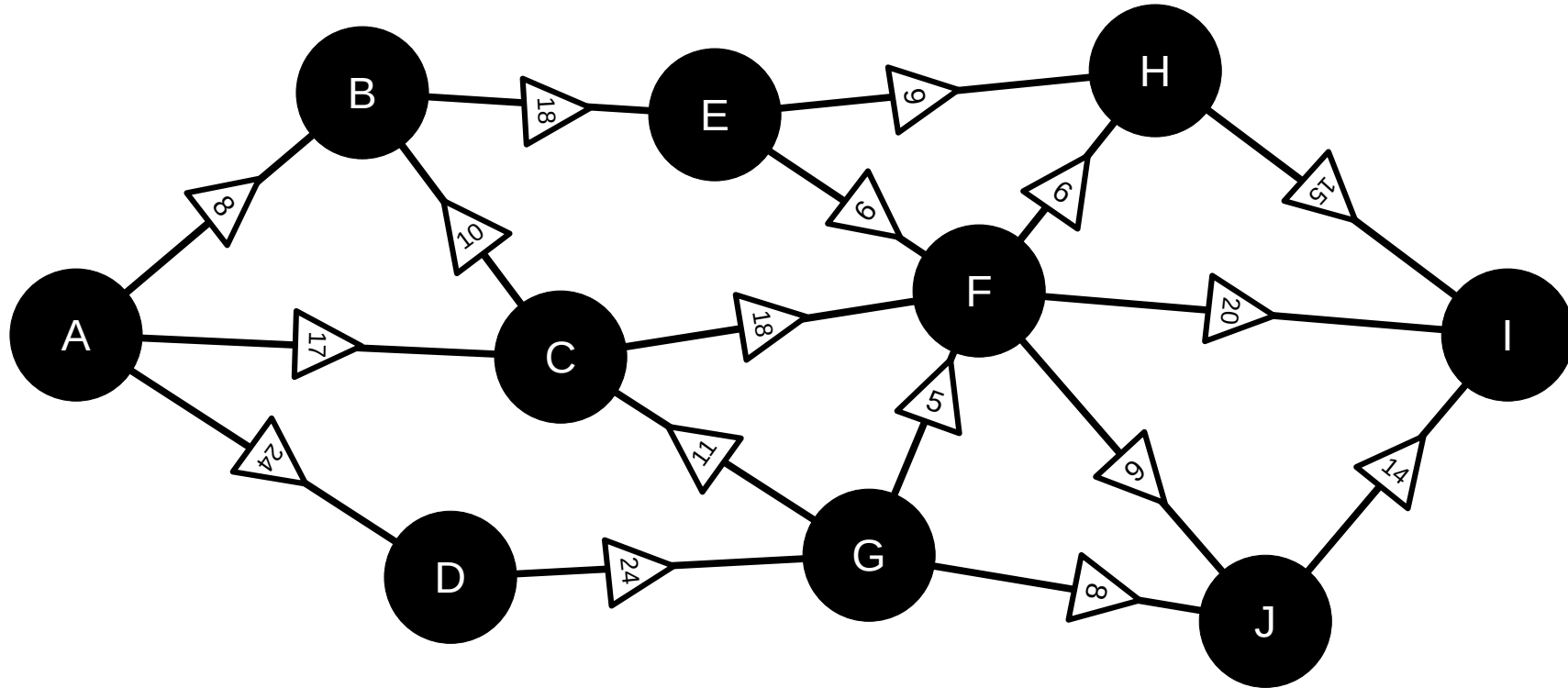


Total flow: 49

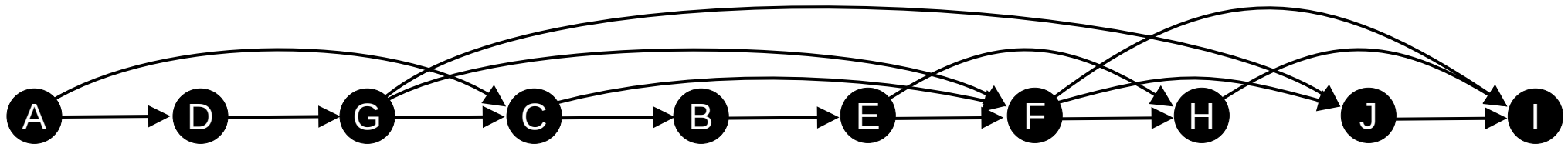
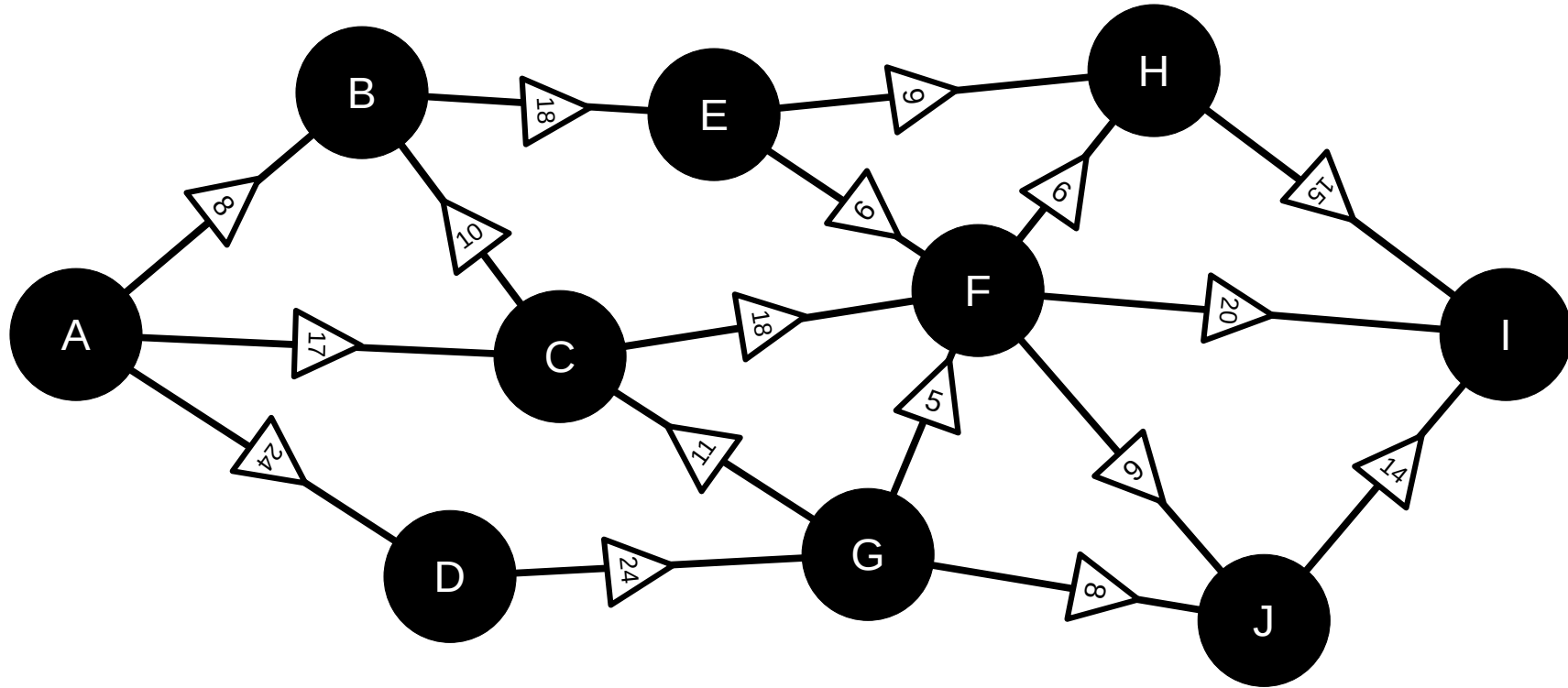


Max flow ≤ 49

Maximal flow: 49



Maximal flow: 49



Maximal flow: 49

