

(a) Initial clustering:  $f = 3659.13$ .



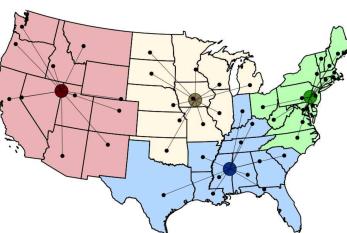
(b) Iteration 1:  $f = 2129.76$ .



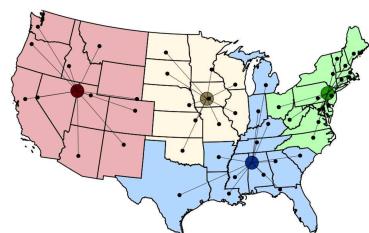
(c) Iteration 2:  $f = 1788.67$ .



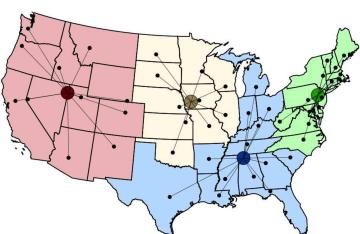
(d) Iteration 3:  $f = 1694.64$ .



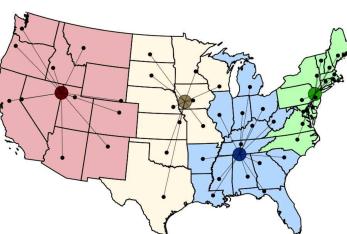
(e) Iteration 4:  $f = 1661.55$ .



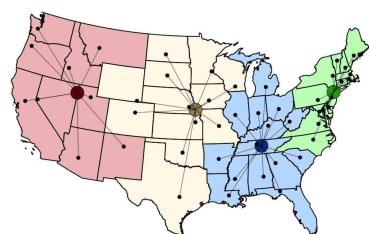
(f) Iteration 5:  $f = 1644.05$ .



(g) Iteration 6:  $f = 1625.42$ .



(h) Iteration 7:  $f = 1565.79$ .



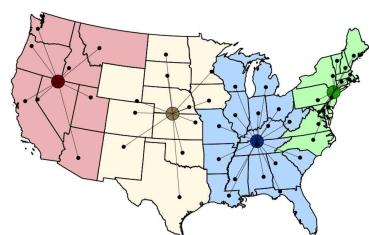
(i) Iteration 8:  $f = 1494.49$ .



(j) Iteration 9:  $f = 1406.74$ .



(k) Iteration 10:  $f = 1395.73$ .



(l) Iteration 11:  $f = 1395.73$ .