V (State Graph) z Zoregon, Alaska, Texas, Hawaii, Vermont, New york, cautomia & E (State Graph) = & (Avaska, oregon), (Hawaii, Alaska), Hawaii, Texas), (Fexas, Hawaii), (Hawaii, California), (Hawaii, New York), (Texas, Vermont), (Vermont, Constornia) Vermont, Alaska) a. No 6. yes C. Texas

5. Atlanta - Washington: Goo Alanta - Horsten: 800 Atlanta - Dallas: 1900 Atlanta - Austin : 2100 Attunta - Denver: 2680 Atlanta - chrongo: 2800 6. add to nonimal spanning tree · Gld 2 to Minimal stanning tree

I and 8 are edges, choose smallest, which is I efween edges 2,5,7; (house 7 and add I to tree · Choose smallest besween edges > and 5 . 5 D Smover, add 3 to tree "Those smallest between elger 6 and 3

7. 0-2 (3) 2-5 (1 9-5 3 6) 2-4 (8) 8. minneapolis/St. Paul 550 Milwankee 80 Madison Chicago