

**TABLE 5-1**

**Global Energy Reserves (1988), in Units of Q (10<sup>21</sup> Joules)**

Q = 10<sup>21</sup> Joules Humans consume 1/2 Q per year

| Fuel Type    | Proven Reserves | Estimated Reserves |
|--------------|-----------------|--------------------|
| Coal         | 25Q             | 118Q               |
| Oil          | 5Q              | 9Q                 |
| Natural Gas  | 4Q              | 10Q                |
| Uranium      | 2Q*             | 2Q*                |
| <b>TOTAL</b> | <b>36Q</b>      | <b>139Q</b>        |

\*Use of fast breeder reactors could increase these figures to about 100Q.

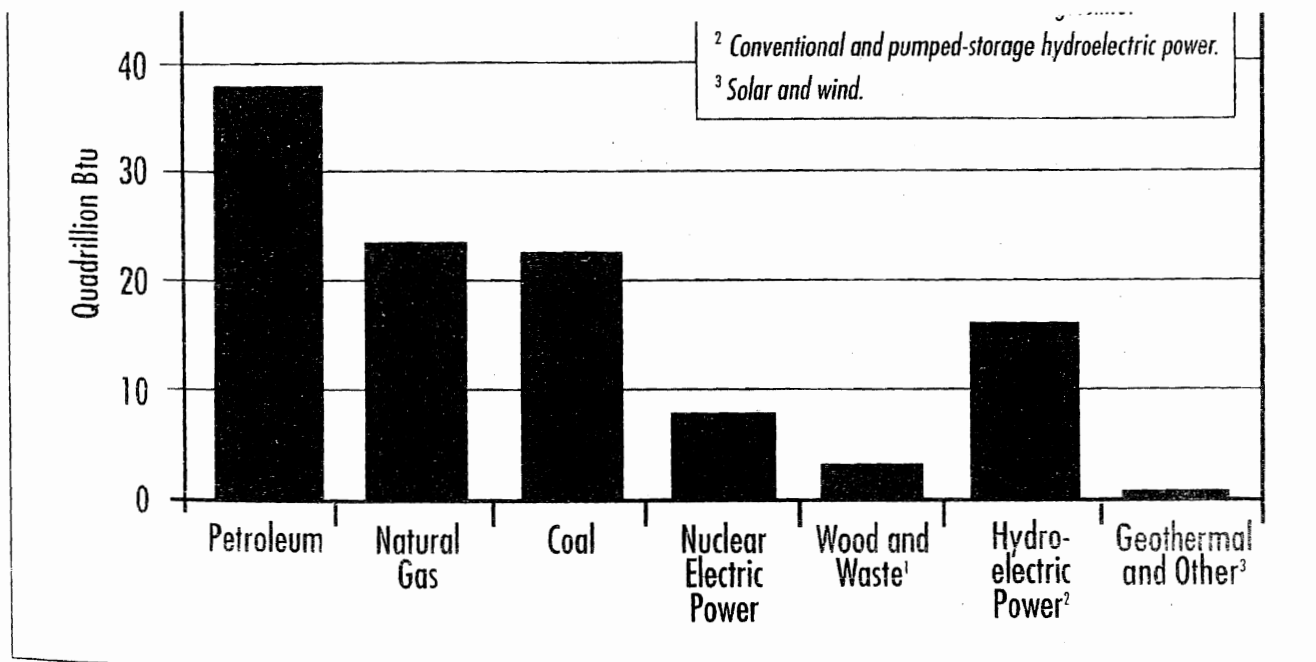
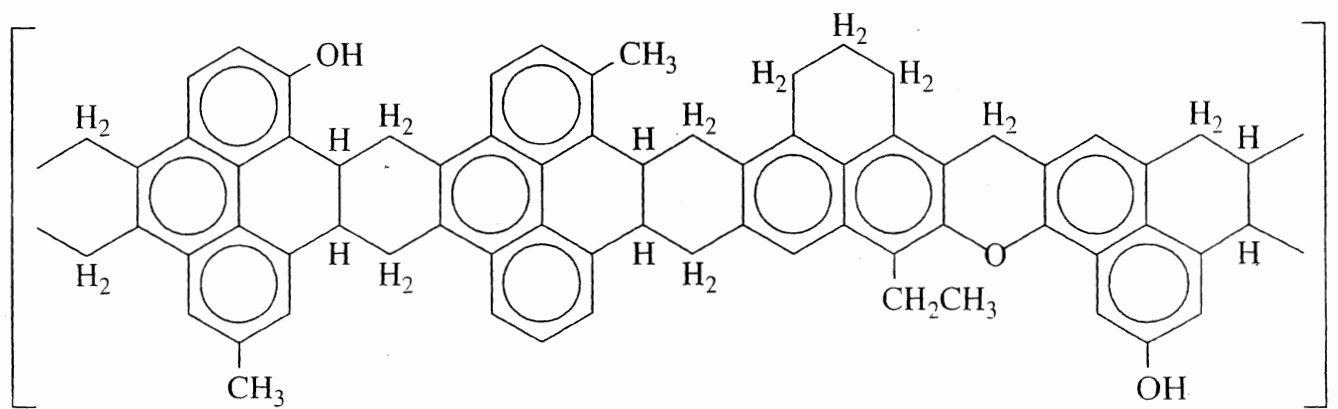


Figure 15. US energy consumption by source, 2000 (Source: US Energy Information Administration)



Representative structure of bituminous coal