

Conventional Energy ANSWERS

1. 3 conventional sources of energy are flowing water, fossil fuels, and uranium
2. Uses of coal—>Heat homes, schools and buildings; Generating plants burn coal for electricity; and Iron and steel plants use coal for fuel in smelting steel
3. Problems of coal—>air quality (sulphur emissions); deep mines are difficult to maintain; strip mining creates scars on the environment
4. Consumption of energy—>winter season requires heating fuels whereas the summer season requires electricity for air conditioning.
5. Peak demand at 6:00PM
6. Quebec, Alberta, and Ontario refine the most barrels of oil
7. Alberta produces the most energy. Uranium mines, coal mines, natural gas fields, oil fields, tar sands
8. Along the St. Lawrence Seaway, Niagra falls, and Churchill river there may be conflict in the construction of a hydroelectric dam because the international border is in the middle of the waterways.