



























"a sad hoax, for industrial man no longer eats potatoes made from solar energy, now he eats potatoes made of oil." (Odum, 1971)

Efficacy of Lighting Sources (Table 3.1) Lighting Source -Efficacy (lumens/W) Candle 0.07 Gas mantle 0.9 Light Bulb 5 Compact fluorescent bulb 25 Sodium street lamp 60

Raw Materials (from p. 106, for RQ #1) Energy Cost (MJ/kg) Material **Production Process** 227-342 from ore (bauxite) Cement 5-9 from raw materials Cu 60-125 from ore Plastics 60-120 from crude oil Glass 18-35 from raw materials Iron 20-25 from ore Bricks 2-5 from clay 25-50 from wood

















