Ears = 310 kWh/day cherry density crube oil: un MJ/kg

~ 331.89 ×10 6 Pearle in USA 365 day =1 year

Eavy. # of PPI. lays in yn = Eavy

310. 331.89 ×106. 365: 3.755 E13 KWh - AN USA

3.755E/3.3.6:1.352E/4 MT yr 1.352 E14 M/yr - 2.939 E12 29/yr 46 800 W = .002 M/3 24 N/WS 7:30%0 = 6307.7 M/br loss=10%0 -7 Merc: 40%0 [24:4) M/W = 167 Ug/yr

3. m= 1 Ug Go Go Union
Loz is 3.47 x havier than Callon

600 g L X 3.67 = 7.2 kg coz

4. 24 15/149 M= 30% Coto Carbon

24.3=7.2 1/7.2=.134 43/M

. 134.6: .0833 W L .08X3,67= 3058 Kg 602

5. a) V=112500 Cm3 TU:10% = 112.5 W TH=509 DT: 40% 1 WCal = 4.184 65 112.5.40. 4.164= 18828 45= 5.23 Kul b) ~ U.55 to Offimum toust Im W 2x 215,000 J = 430,000 J = 1.119 Lews () ~ 1200 W 2400 W. 3600= 8.64 MJ/hr= 1.6 MWh 1) 5 UN

3000. 2100 = 36 MT. 7 = 5 Whh

U

1) tyrical washer ~ 2.25 uwh ~ 30 minute when

g) assuming tamily of Z -30 days in a month

1 10W. 24: 24 wh -2: 48 level day

7,89 ~ 2000 Leat Per Person on VACO throughout day the year

h) Usoo anx 4,1845= 10.878 MJ

= 3.022 Why

) 5 kg m; 14 Per Person ~ 12.56 klvh / 16 Liters = 1.4098 (Lwh/Lay) Liter

5 Liters. 1. 4098 luny pay = 7.049 luny pay ker Auren
Liter