

$$\eta_{+} = \frac{W_{t} - W_{p}}{9 dov}$$

$$\eta_{+} = \frac{1479 - 8.99}{3430.71} = 0.413$$

$$\eta_{+} = \frac{103}{3430.71}$$

$$\eta_{$$

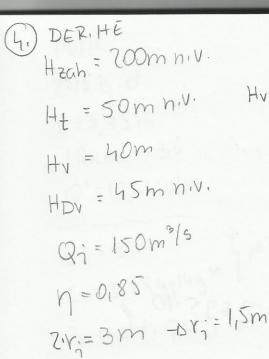
C) 
$$m_{RV} = 70000 \text{ lig/s}$$
 $C = 4.18 \text{ lig/ligh}$ 

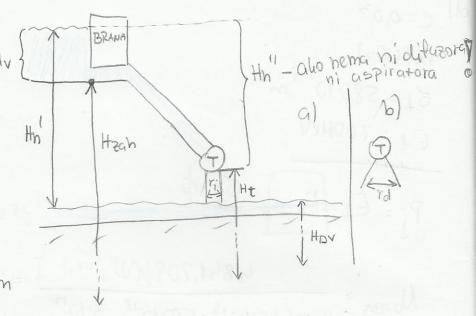
Phond =  $m_{RV} \cdot C \cdot \Delta T$ 

Phond =  $P_{0} \cdot d_{0} = m_{0} \cdot (h_{1} - h_{1}) = (7707 - 191.8) \cdot 779.97 = 562.7 \text{ MW/}$ 
 $\Delta T = \frac{P_{0} \cdot d_{0}}{m_{RV} \cdot C} = \frac{562.7 \text{ MW}}{2000 \cdot 10.3 \cdot 10.3 \cdot 10.3 \cdot 10.3 \cdot 10.3} = 6.73 \text{ M}$ 
 $\Delta T = \frac{P_{0} \cdot d_{0}}{m_{RV} \cdot C} = \frac{562.7 \text{ MW}}{2000 \cdot 10.3 \cdot 10.3 \cdot 10.3} = 6.73 \text{ M}$ 

c) 
$$N = 7$$
  
 $P_{-} = P_{1} + 3.P_{2} = 4841,708 + 3.8 = 4865,708 HW$   
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d) 
$$e=0.0^{3}$$
 $m(002)$ 
 $g_{1}=580.10^{-12}m^{2}$ 
 $g_{2}=580.10^{-12}m^{2}$ 
 $g_{3}=580.10^{-12}m^{2}$ 
 $g_{4}=580.10^{-12}m^{2}$ 
 $g_{5}=64$ 
 $g_$ 





9) ASPIRATOR I 
$$Y_A = Y_1$$
 $Q_1 = A[C] \rightarrow C_A = \frac{Q_1}{A_A} = \frac{150 \text{ m/S}}{15^2 \cdot 11 \text{ m/s}} = 21,22 \text{ m/s}$ 
 $Y_1^2 = \frac{1}{15^2 \cdot 11 \text{ m/s}} = \frac{21,22 \text{ m/s}}{21,22 \text{ m/s}} = \frac{21,222 \text{ m/s}}{21,222 \text{ m/s}} = \frac{21,2$ 

b) DIFOZOR, 
$$rd = r_1 + lm = 2.5m$$
  
 $Q_1 = Ad \cdot Cd - L \cdot Cd = \frac{Q_1}{Ad} = \frac{150m^3 l s}{(7.5)^7 \cdot 11 m^2} = 7.64 m l s$   
 $H_{nD} = H_V + (H_{2ah} - H_{DV}) - \frac{CD^2}{7g} = 40 + (700 - 45) - \frac{7.64^2}{7.3181}$   
 $H_{nD} = 192m$   
 $P_{nD} = 9.81 \cdot 10^3 \cdot 150 \cdot 192 \cdot 0.85 = 240 \cdot 15 MW$ 

$$m = 0.7 = \frac{Wgod}{8760.75}$$

$$\eta = 0.14$$
 $m = 0.75$ 
 $H = 25HJlug$ 
 $m$ 

$$W = 5 + 3 = 0.02 = \frac{m(s)}{mg}$$

$$Ar(Or) = 32g |mol$$

$$\frac{A_{r}(S_{1}-S_{2})}{A_{r}(S_{1}-S_{2})} = \frac{3285 \text{ GWh}}{N}$$

$$N = \frac{\text{Wel}}{\text{Wt}} - \text{N} \text{Wt}_{(god)} = \frac{1314 \text{ GWh}}{N} = \frac{3285 \text{ GWh}}{N}$$

$$m_g = \frac{8760 \cdot P}{H} = \frac{3285 \, GWh}{25 \, HJ \, Hg} = \frac{3285 \cdot 10^8 \cdot 3600}{25 \cdot 10^6 \cdot 10^6 \, Hg}$$

$$S + O_2 \rightarrow SO_2 = N (S) = N(SO_2) (potpuno izgaranje)$$

$$H(SO_2)$$

$$\frac{m(5)}{M(5)} = \frac{m(50z)}{M(50z)} - 5 m(50z) = m(5) \cdot \frac{M(50z)}{A_1(5)}$$

$$m(50z) = 9,46.10^{\circ} \text{ hg} \cdot \frac{32+32}{32} = 1,892.10^{7} \text{ hg} = 18920t$$

a) BH

$$* \frac{t}{ha} = \frac{10^3 \text{lg}}{ha^{10^4} \frac{m^2}{ha}} = 0.1 \text{ lg/m}^2 *$$

broj eliutrana tremlje = 54m² = 63,66 263 CPE = 0,593 Adultare 0,078544m2 tollo VA sta ha zemeju

VAI 
$$V=8ml^5$$
  $\rightarrow P_8 = MCP0.5.p.A) V^3 = 0.9.0.593.0.5.1725.25^7 = 641.85 = K$ 

$$A_{ST} = \frac{7.7 Az}{Az} = \frac{5 hm^2}{5.10^6 m} = \frac{2.77 \cdot 10^6 m}{2}$$

$$Az = \frac{5.10^6 m}{2.7} = \frac{2.77 \cdot 10^6 m}{10^8 m}$$

$$Az = 2,7$$

Wel =  $Az$  : Welgod =  $542$  GWh  $\left(\frac{5}{2,7}, 238,97 = 543$  GWh $\right)$  ...

$$\frac{P_n}{P_{el}} = Az'N$$
Pel
 $P_n = Az'P_{el} = 3ZGMW//$ 

FN) Q17  $Pel = Popt \cdot M_{FN} = 1000 \frac{W}{m^2} \cdot 0.12 = 170 \frac{W}{m^2}$   $Wusm_{||} god = H_{popt} = 1.77. H_h = 1957 hwh/m^2$   $Wel.god = M_{FN} \cdot Wusm_{||} god = 0.17.1957 \frac{hwh}{m^2} = 234.74 hwh/m^2$   $A_{FN} = 7.4a = 54m^2$   $A_{FN} = 7.5.10^6 m^2$   $A_{FN} = 8.5.10^6 m^2$   $A_{FN} = 8.5.10^6 m^2 = 585.64 wh$   $A_{FN} = 8.5.10^6 m^2 = 170 \frac{W}{m} \cdot 7.5.10^6 m^2 = 300 MW$   $A_{FN} = 9.4.4a = 170 \frac{W}{m} \cdot 7.5.10^6 m^2 = 300 MW$ 

Najvise el energie godisne na sum? proizvode FOTONAPONSUE ÉELIJE.

350W

100 W

150W

250 W

700 HW

Whonst = 24h. Pmin = 24h. 1000 MW = Z4000 MWh

m = 
$$\frac{Wd}{24^{\circ}Pmax}$$
 ->  $Wd = 24^{\circ}Pmax^{\circ}m = 24^{\circ}0,7375^{\circ}000MW$   
 $Wd = 35400MWh$ 

b) Tpmax = 
$$\frac{Wd}{Pmax} = \frac{35400 Hwh}{2000 yw} = 17,7h$$

c) 
$$W_V = 11400 \mu \text{Wh}$$
 (a coace 141)  
 $V_V = 11400 \mu \text{Wh}$   $V_$ 

harautenstion troums

$$\frac{1600-1000}{18-12} = \frac{1600-1450}{17-12}$$

$$T-12 = \frac{150}{600}$$

$$\frac{1600-1000}{18-12} = \frac{1600-1700}{(72)-12}$$

$$T_2 - 12 = \frac{400}{600} \cdot 6$$

$$41 \text{ WzHE}^{=7}$$
.

 $\text{WZHE} = \frac{7}{2}$ 
 $\text{RHE} \cdot 300 \text{ MWh} = \frac{9 \text{h} \cdot 300 \text{ MWh}}{2} = 1350 \text{ MWh} / \frac{1}{2}$ 

