21 2013 11. Pt-1000 MW Mr=1/2=8.5MPe Tz=656 M3=1/4=10@Po- 7 1/Lt - 09 Mp = 0.85 a'= 191.8hJ/ly emblemator RU - 2585 les/lig N=0.001m3/lug 12-3756 hilley R3 = 2256 h) Plug 24=21-191.8 hs/ly b) Wan= N (py-M)= N (py-N1)= -8.490 les/ly = Wribbel -8.490h/ley - 0.85 = hy-h1 8,450 = 201.78 A) (hg) MA= My +

C) Mt = Wreel = hz-hz = 0,9  $A_3 = A_2 - 0.9(A_2 - A_3') =$ az= 2406 W/ly M= W23+Wy - A2-A3+A4-A1 A2-A4 M= 0.377 12. M=4 Pi=3990MW MU02 - 105t Q = 3.10/7 m/m20 Ø-580.16-28m-2 DTj - 329-295-34K M=650hJ/ly K2 - 2760 AJ/ly m16 = 475 ley 15 Ci = 5.901/ly/

ou) morco = m. m16. = = 1900 Rey (5 PG= MUKG (2-M) = 4009 MW PG=Pj+mPp Pp = P6 - P0 = 4.75MW c) Posmo Co Ali mj = Ps - 198 solyh mp = ms = 4972 ly 6

U/Pj = 200.1.6.10-13 M235 · Ø.4 => N2355 7.16.10.27  $2 = \frac{N_{235} \cdot 270.235}{M_{002} \cdot 238. M_{00} - 6.022.10^{66}}$   $= \frac{4.543.10^{32}}{1.5.10^{39}} = 0.03$ Qi = 300 m 3/s Q = 450 - 30t (mysel] Hauh - 230m Holmo = gom Hn= Hrole + (Hnoh-Hdrw) = 200 m ti = 9i = 300 m3/1 = 450 - 301i = ) Xi = 5 mj.

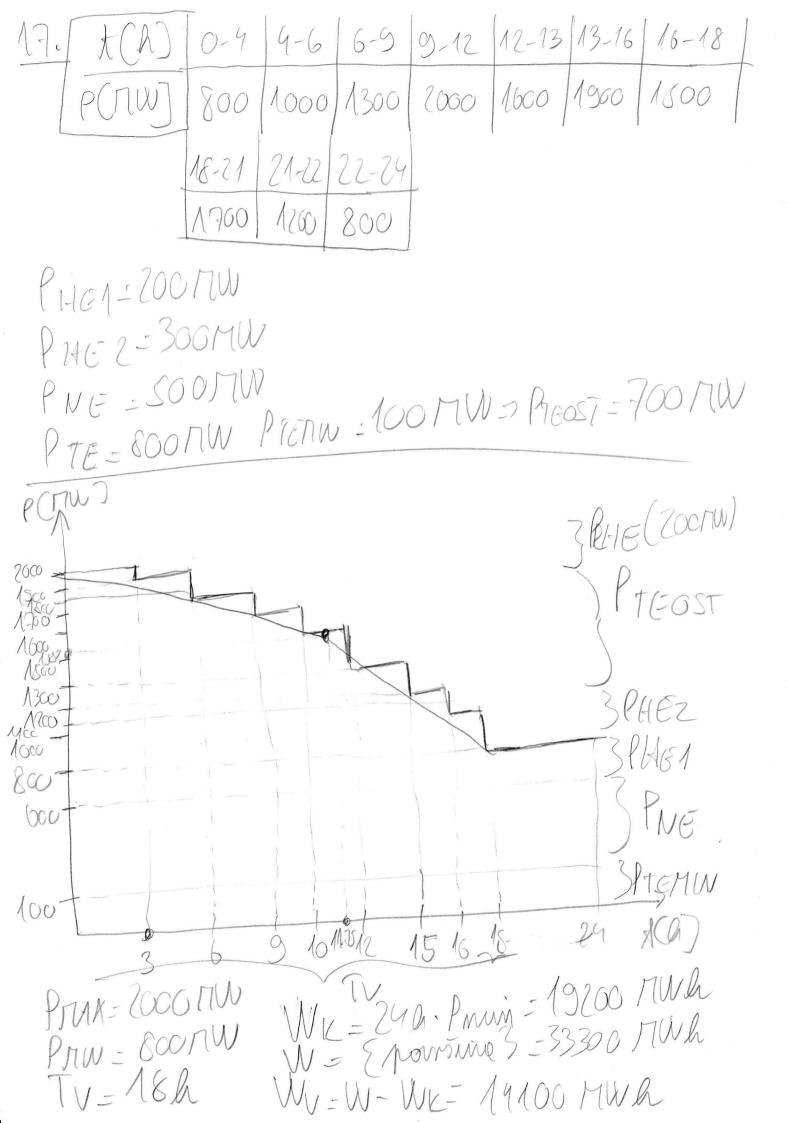
P=m. 9.81. P. Q. Hm Wgal = FP = 730 · n°9.81.103 · Hm. (Sqidt + Sqoll) = = 1360647000 (Qitit Suso-30t) dd) =1360647000(300.5+450(12-5)-15(12-52))W= 3.89 10 12 Wa = 3-89 TWA b) Hov= Q/10 HOV = 9(50 PMAR Q=Qi=300 Hov=3cm Hov=6m Um=(Hou-Hou) + (Howh-Holm) = 189m Prax = 9.81. 103. Qi. I.m. M = S14 MW) PNW Q=Q(12my) = 90 Hov= 9m Hov= 1.8m Mm = 167.2m PMW = 140 MW

14. R=600 MWe M = We god = > M=0.4 m=0.65 Wegos = m. le. 8.760 = 3.416.10 12 We 4-25M/lug = 1.23:10/65 W(C)=0.75 M= We god > Wygod = Me god M(C)=129 hul M(0)-169 mol Wypel = 3.1016 5 m (COZ)= ? Mg = Wtiged = 1.23.10 9 ly m(c)=w(c) omg. = 9.2.108 ly C+ O2-7 CB2 M(c)-M(0z)-M(C0z) $\frac{m(c)}{M(c)} = \frac{m(cGz)}{M(coz)}$ m(GOZ)= M(COZ) m(c)= 12+32 . 9.2-108 m(cod = 3,37.10 9 ly)

15. N=30m Nm= 15m/s togo 25% N=8m/ 25% 11:12mb P= 1.225 lym3 CPE = 0.5:93 a) W60D = 8760.P= -8760 m.cp. 0.5. J. N211. (0,25,83+ 0.25.123+0.15.153)= (9592 MWa 01 PMAX=M. CR: 05-PINBM. 153 = 39.66 MW Prux. 8760 = 0.316

160 Kr = 1 laW/m² H6CD = 1600 GWAlm<sup>2</sup> MFM = 0,11 A- 2000 m 2 mix moderno mistre Mporetanje = 1.2 - H600 Mpor = 1920 GWA1 a) Whermy, you (= Musry) Welged = MFn. Wurmjypol= = 211.2 hWh/m2 Wel=A-Uelygol=1900800 hwh= = 1900.8 MWh b) Pel=MFn : Pv=110W/m2 Pm = A. Pel = 000 9 MW C) 1 pc 20A U, -450V R-1941 = Prax = PN = 0.3977W 1 - KMAX DO= 550000

Ics. Vo M= 7 = 172. m= 00 = 122, 222123° ponele



24h W = 16.65 h Prax Pu=Pnax-Pnw-1260nW dtB=2. TuPUl 2 = TIA = 0.653 = B (King) = (2 Tui Prin +BPV) = (M.ZSh / 1583,6 MW) b) W(lHE) = promouno. M-Mi- W2-W1 (K-M) M-2000 - 11.75-0 (K-0) 10-7000 - -91 + X 1175 dolje ne liusim W=1800 X=5.63h 1700.5.63 563MWA