Rain rate: O.lin (Boshn Logan duta)

(5.08 L/h)

Collector Ana:  $2m^2$   $P = \frac{1}{t} = \frac{m}{t}gh$ 

42 mW Rain

Alt min . Vacainal & 9 m/s

1.41 mL/5 over 2m2

$$\rho_{V} = \frac{mers}{At} = \frac{mers}{t} \cdot \frac{1}{A}$$

Turbine P= 
$$\frac{0Av^3}{2}$$
 =  $\left(\frac{muss}{t}\right)v^2/2$ 
egts

57.1 mW

Rais NOONW total

3.84 KWh/m2/24h -> 7.68 kWh/n2/14 -> 0.64 kW/m2 50/ar 1.28 low 30,000 x higher

8 mph wind 1.2 kg/m3 1 m2
Wind PAJ3 - 27.4 W

Human

150 | bs/person | " perstep

E = 10.1" 150 | bs 10 .9.8m/s<sup>2</sup>

= 28.2 W