






Power generation estimation

	Total Units	Power	Work per day
INPUT			
 Solar power	1140 m ² solar panel	0.3kW/m ²	2052 kWh
 Wind power	120 swings	5kW	14400 kWh
 Human power	120 swings	0.5kW	480 kWh
OUTPUT			
 Electricity	Total output: 16.932 mWh / day		
 Joy	Total output: +∞		

Solar power:
 Solar panel power output: 0.3kW/m²
 Total energy output per day (calculate 6 hours a day) : 2052 kWh / day

Wind power:
 Wind power output: 5kW
 Total output of all the 120 swings : 14400 kWh / day

Human power:
 Power output: 0.5kW
 Total output of all the 120 swings (calculate 8 hours a day) : 480 kWh / day

Total energy output: 16.932 mWh / day
 Energy output per year: 6180 mWh

