balloon:
Made of polyarylate superfiber with high strength, which is used for airship, the balloons are inflated with helium. The balloons are 10 to 20m in section size and are raised at the height of 80 to120m. They have horizontal voids for turbines and wind paths in each tip, piercing with the each hole. The equipped turbines in the holes are 4 to 8m in diameter.

tethers:
Tethers are used to connect the balloon to winches on the ground station. Tether control is automated to stabilize in the air, provide an electrical connection to send power from the turbine to the ground. ACFR (Aluminum Conductor Carbon Fiber Reinforced, at the sametimeion at the sametimeion18.2mm in diameter) is used for tethers so that this equipment can reduce the whole weight and the impact of tethers in the air.

ground station:
The ground stations are built onto the site, and winches on the ground stations control tether speed and length, and align with the balloons to prevent tethers from tangling. The power produced by the turbines is conditioned on the ground station before interfacing with grid connection.