Almost all the energy sources we are using is directly or indirectly from one source. We should return to the source of energy to the source of life in our planet. Going back to the nature. Energy is essential for economic development and growth. With the rapid growth of development and the drive to expand the economy, society demands more electricity. Coupled with the realization that unsustainable energy production can have a detrimental effect on our environment. Solar energy is the most prolific method of energy capture in nature.

Exposed turbine blade
Complex whose chimneys send out oxygen (O2) instead of carbon dioxide (CO2). In contrast with the other traditional powerhouses, the circular movement of the blades of the wind turbine would lead to creation of a mental image for people.

Lightful public space
A green public space on the ground level is the best way to engage the people in the project. Because of the semi-transparent bio cells in structure of the roof this space would benefit from an unobstructed utilization of the sun with green shade of light.

solar updraft tower/O2 exhaust
Power output depends primarily on the factory's collector area and chimney height. A larger area collects and warms a greater volume of air to fuel the chimney. A chimney turbine was envisioned as a smoke stack and illustrated 500 years ago by Leonardo da Vinci. An animal spitted above a fire or in an oven could be turned by a vertical axis turbine with four angled vanes in the chimney updraft.

3D Printed Porous structure (Cyanobacteria Bio-cell)
Using 3D printing technology would make the construction of an optimized integrated porous spatial structure possible, that, while transmitting the load only by 4 foundation points on the corners of the site, makes considering optimized bio-cells for faster growth of the Cyanobacteria possible (based on the H.O.M.E. project). In addition to emphasizing on necessity of a change in the construction technology in the future.

Carbon Fiber pipes
Transparent solar cells
These cells provide power by absorbing and utilizing unwanted light energy through windows in buildings and automobiles, which leads to an efficient use of architectural space. There are approximately nine transparent photovoltaic (TPV) technologies under development.