*PowerPlay* is a sculpturally stimulating and energy-generating interactive kinetic play-space.

*PowerPlay* promotes physical development, intellectual awareness, and education of environmental energy generation to the population at large. Many forms of innovative technologies are used to generate electricity both actively and passively. The primary goal for this project is to create a unique space that inspires play and generates electricity without compromising aesthetic and sculptural beauty. The overall concept preserves the environment, creates a dynamic space for user recreation, and sends power back to the grid.

Since the potential of the playground as both an artistic medium and a source of renewable energy have been historically neglected, combining these two ideas into one dynamic creation is a natural direction for *PowerPlay*. Many common playground activities are reinvented, creating new sculptural forms that foster novel play patterns and unique energy-generating methods. Because a playground is inherently interactive, the idea that play can supplement the harnessing of other natural elements to generate

electricity is central to this project. The energy creation is achieved in many forms, primarily utilizing wind, piezoelectric, and other kinetic methods. The environment that is created will inspire children to action by introducing them to exciting and dynamic surroundings.

This experience will be life-enhancing, stimulating, and challenging in order to help develop the overall health and quality of life of the users.