

Alternative Power Generation



Electrical Power Generation Theme

Electrical power in the future will be supplied by a variety of alternative sources and this exhibition demonstrates in a magical and whimsical way how cooperative power generation is necessary to achieve our future electrical needs.

The Electrical Power Generation exhibit consists of four alternative power generators i.e. [Hydro Generator](#), [Wind Generator](#), [Thermal Generator](#) and [Solar Generator](#). Visitors operate each of the four generators independently to generate electrical energy and this energy is displayed in real time on their respective large voltmeter.

In order to integrate these four alternatives, we present a [Family Group of Musicians](#) where each family member is connected to a specific power generator. The Hydro Mother represents Hydro Power generation, the Solar Bass Father represents Solar Power Generation, the Kodo Drum Head Teenager represents Thermal Power Generation and the Wind Bellowing Baby represents Wind Power generation.

When electrical energy from each generator exceeds 1 volt, a corresponding family member is activated in three ways. First the overhead chaser lights activates its associated family member who then begins to move in a whimsical way while at the same time a very unique musical sound track begins to play.

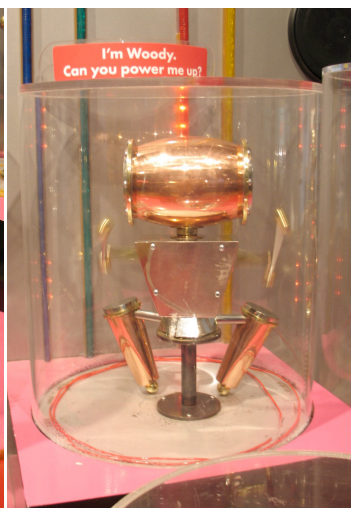
For the Hydro Mother for instance, her upper body rotates 360 degrees while her hands moving up and down her wavy skirt and a lively calliope of watery and bubbly music begins to play.



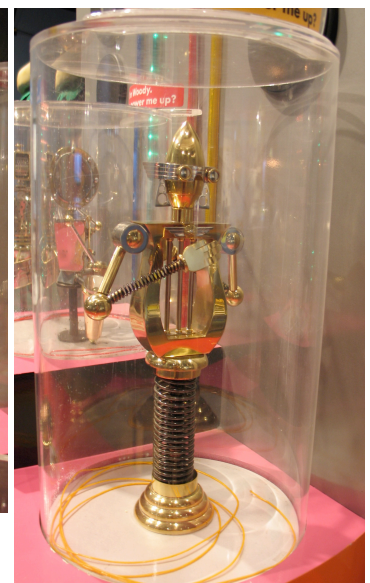
Hydro Mother



**Wind
Bellowing
Baby**



**Kodo
Drum Head
Teenager**



**Solar Bass
Father**