

# Solar Mountain

The Solar Mountain has been designed to be an interactive installation on the land of Flyranch which is home to dozens of hot and cold springs, three geysers, hundreds of acres of wetlands, dozens of animal species, and more than 100 types of plants. The mountain blends into the landscape seamlessly resonating the idea of a unified community and a space for people to connect. The narrative has been divided into three parts of Energy, Connect and Play. The mountain becomes a source for harvesting clean energy, lets people connect to themselves, nature and to others and it becomes a playscape where people of all age groups can enjoy either rock climbing or sliding down by climbing the steps.

It aims at providing a modular pre-fab renewable energy infrastructure. The single module contains 182 Solar Panels of 300 Watt capacity which generates 1.2kWh/Day. The total clean energy that can be harvested from the 4 units containing 728 Solar Panels per day is around 873kWh which can be used to meet the site requirements and other activities. Fabricated by hand using recycled plywood, the entire pavilion can be repetitively dismantled and packed.

