**FLOATING GEMS**

LAND ART PROPOSAL

**DISCRPTION**

The Floating Gem is a memorial space for the source of the energy. 7 Crystalize solar pv faceted gems are carved from the natural massive rocks to remind us all the green energy product’s original form. So that, the visitors can experience the returning to the source.

It invites the public to walk through and touch the pieces, and see the transformation of the energy (visualized the invisible power generating and storage by lifting stones and stores as gravitational power which can release in the night to its neighborhood. Hence the subject can compresence the green energy awareness their own physical experience.

The archeological way to pull the stone out of the ground also becomes a monument for our past of the fossil fuel energy era. And the new gem represent the new generation of the renewable energy in it opposite way. The robustness and earthy fit its context which is the desert environment culturally and also lower the maintenance duration than other fragile devices.

**KEY TECHONOLOY**

Polycrystalline solar pv, Hydraulic Jack Generator

(Solar power and gravitational energy storage.)

**ANNUAL kWh ESTIMATION**

150x7+580x7 x 0.625Kwh/day x 365 = 1165718kWh = 1165MWH / YEAR

**DIMENSIONS**

7 x400 cubic meter solar gem/rock (stone half carved to crystal faces cover with solar pv, 150sqm surface area for solar pv)

7 x 31m diameter solar pv circle covered reflecting pools (7 x 580sqm)

**ENVIRONMENTAL IMPACT**

The Floating Gem targets to use the local source material and preserve the ecological landscaping for nature life. By creating the tunnels the project can suit the desert climate provides more comfortable space without addition air-conditioning, in addition to reduce the environment impact. Large lift ground will use the soil from neighbor building’s basement excavation soil wih local grass and vegetation.