

The pointed arch is one of the most representative figures in the region around Masdar City. Its cultural and symbolic attributes have immense potential to be further merged with the aesthetic and environmental values of energy-generating land art. "Forest of Light" in in-spired from imagining a grand gateway to the city that allows people, culture, energy, art to interact with each other.

Section A



Using the pointed arch as the generative form of the geometry, the arch revolves as a cross- section on the axis of the street that crosses the given site boundary. This rotation gives birth to a semi-circular elevation to the North-East and South-West while the distinct geometry of the pointed arch defines inner space in the longitudinal and vertical direction. This manipulation enables maximum contact between roof surfaces of buildings and the artwork in every direction, maximizing the energy able to be generated.









Heliostats concentrate sunlight towards the pipes
The receivers tranfer the heat to molten salt
The heated liquid is stored in tanks and sent to the steam generator
The explosive energy generated from the steam generator is sent to the turbines
The electricity from the turbines are transferred to the voltage transformer
The power is sent to power grid
The water from the pond used to condense the steam back into water



Space in between each layer of the Forest of Light provides an ethereal atmosphere for meditation. The white noise of liqud flowing through the pipes adds to that atmosphere.