Concentrating Solar Photovoltaic Greenhouse Wind Flower

Total Power Generation = 265 kW + 265 kW = 530 kW or 480 000 kW / Year

Salient Features
- CENTRAL FLOWER TOWER adjacent to HIGHWAY with FLOWER PETALS Clearance 10 m over HIGHWAY as SOLAR PV CONCENTRATOR RECEPORS with part CLEAR, part REFLECTING, SOLAR DISTILLATION AQUACULTURE GREENHOUSES with BIOGAS PLANTS and 3 DANCING BEAUTIES VERTICAL AXI WIND MILLS.
- Overall ENERGY GENERATION COST of ALL SITE INFRASTRUCTURE, will be LESS THAN 10 US$ / Watt
- DESALINATION AQUACULTURE Saline Brackish Biogas Treated MIX Water Greenhouses’ SOUTH Facing Slopes, will have SOLAR m-Silicon PANELS and NORTH Slopes Panels, will be Transparent for GREENHOUSES or Reflecting for SOLAR CONCENTRATION, SOLAR PV PANEL INCLINATION will be EQUIATORIAL or 24.5 degrees to Horizontal (Masdar Lat.).

Potential Solar PV Power Generation in NO SHADOW Zone of SOUTH EAST Site over South Slope 24.5 Degree of Greenhouse = 265 kW - Average solar irradiation in similar latitudes is 1250 W / sq.m or 1.25 kW / sq m - for No Shadow South East Site alone is 1kWh x 365 x 6600 Sq M = 240900 kW

Annual kWh Solar Power Generation for NORTHWEST Site 263x365x240900 kWh

CENTRAL FLOWER TOWER – NORTH VERTICAL SURFACES - TANDEM PV MODULES appx. 265 kW

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