

TOTAL POWER GENERATION – 265 kW+ 265 kW = 530kW or 480000 kWh / Year

Concentrating Solar Photovoltaic Greenhouse Wind Flower

Salient Features
 CENTRAL FLOWER TOWER adjacent to HIGHWAY with FLOWER PETALS Clearance 10 m over HIGHWAY as SOLAR PV CONCENTRATOR RECEPTORS with part CLEAR, part REFLECTING, SOLAR DISTILLATION AQUACULTURE GEENHOUSES with BIOGAS PLANTS and 3 DANCING BEAUTIES VERTICAL AXIX WIND MILLS.
 Overall ENERGY GENERATION COST of ALL SITE INFRASTRUCTURE, will be LESS THAN 10 US\$ / Watt

3 DANCING BEAUTIES VERTICAL AXIX WIND MILLS.

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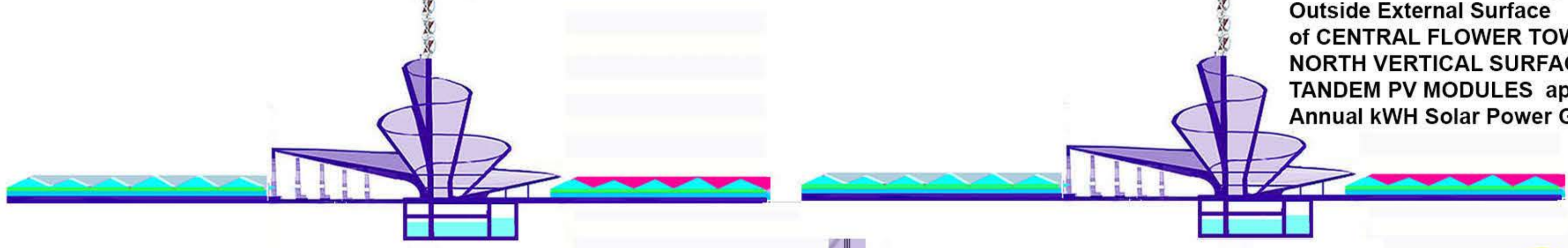
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 DESALINATION AQUACULTURE Saline Brackish Biogas Treated MIX Water Greenhouses' SOUTH Facing Slopes, will have SOLAR m-Silicon PANELS and NORTH Slopes Panels will be Transparent for GREENHOUSES or Reflecting for SOLAR CONCENTRATION. SOLAR PV PANEL INCLINATION will be EQUATORIAL 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 kWh



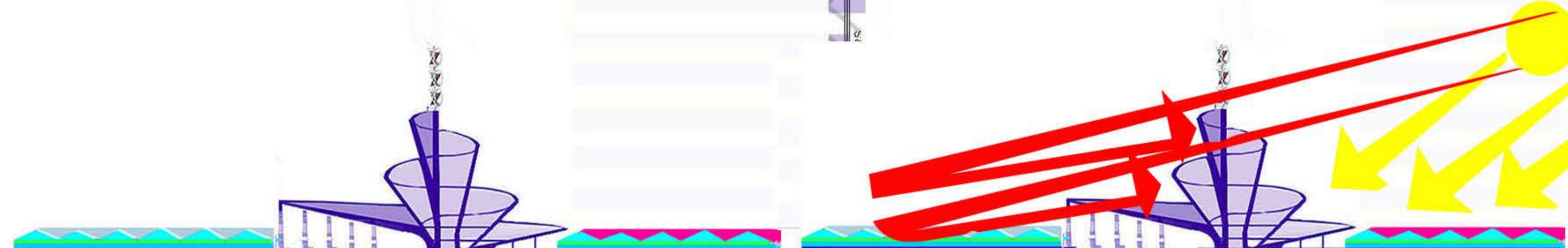
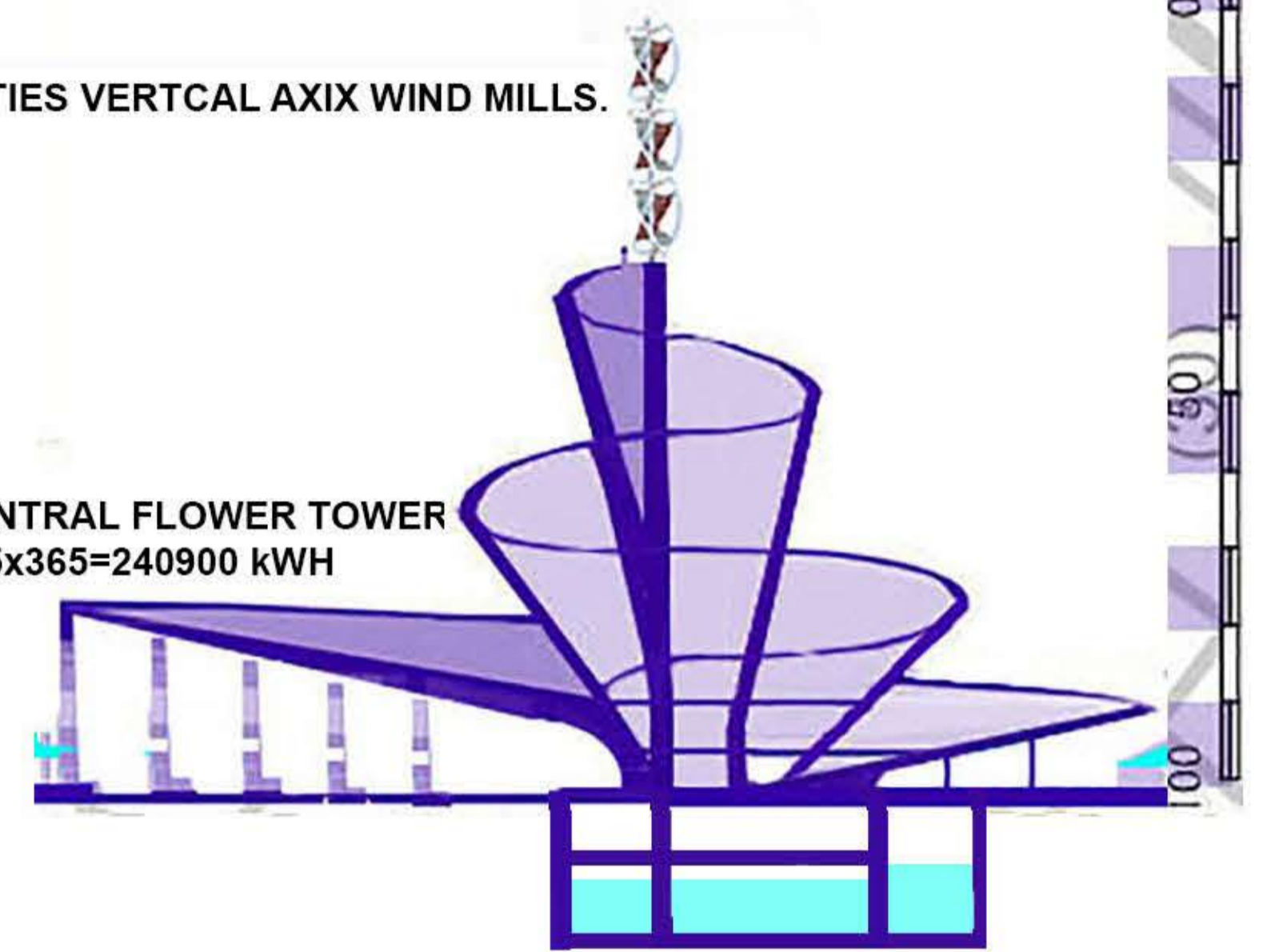
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Outside External Surface of CENTRAL FLOWER TOWER – NORTH VERTICAL SURFACES - TANDEM PV MODULES appx. 265 kW NORTH WEST Site CENTRAL FLOWER TOWER Annual kWh Solar Power Generation for NORTHWEST Site 265x365=240900 kWh



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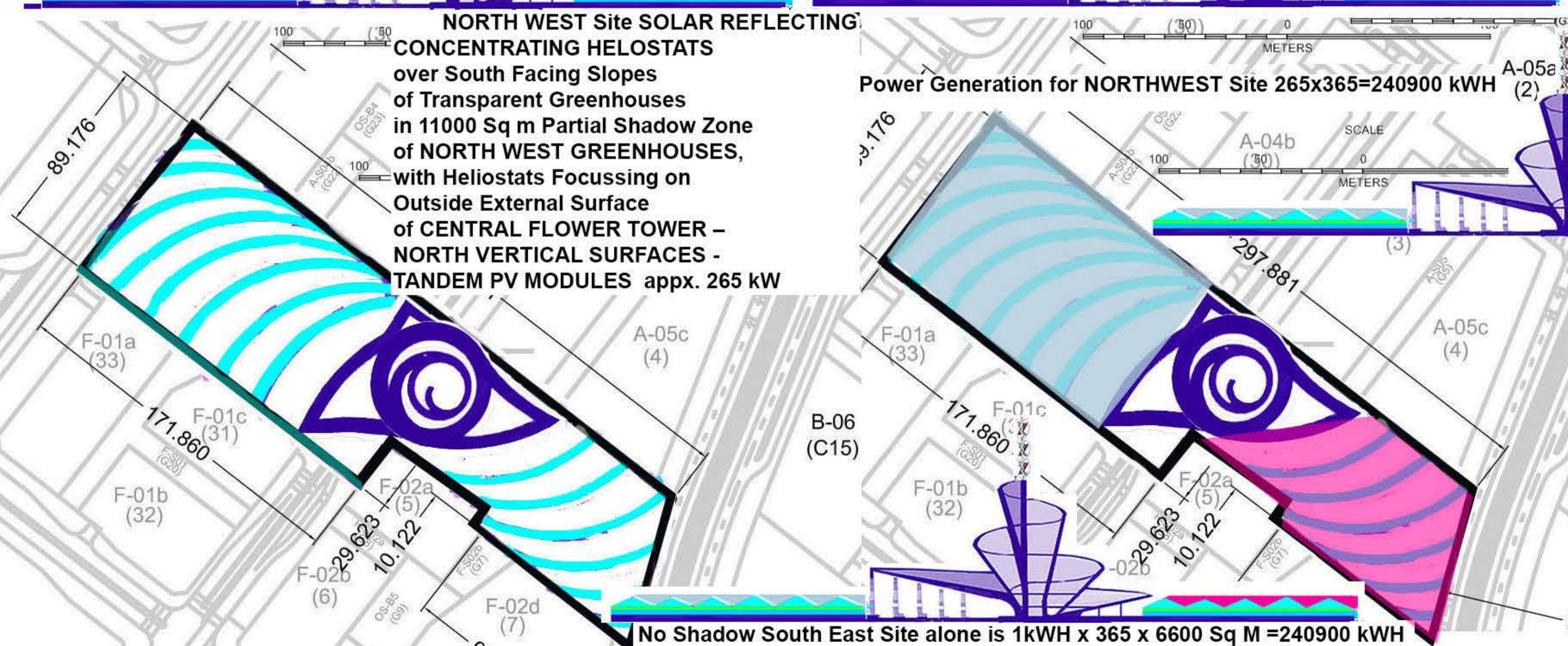


Annual kWh Solar Power Generation for NORTHWEST Site 265x365=240900 kWh

NORTH WEST Site SOLAR REFLECTING' CONCENTRATING HELOSTATS over South Facing Slopes of Transparent Greenhouses in 11000 Sq m Partial Shadow Zone of NORTH WEST GREENHOUSES, with Heliostats Focussing on Outside External Surface of CENTRAL FLOWER TOWER – NORTH VERTICAL SURFACES - TANDEM PV MODULES appx. 265 kW

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