

MAHARASHTRA ENERGY DEVELOPMENT AGENCY

INDICATIVE LIST OF SYSTEM CONFIGURATION OF STATE LEVEL RENEWABLE ENERGY PARK

S.N	Name of the System / Device
1.	Computer based Energy Games, Quiz & Machine-set (Computer sets - Pentium IV with Server)
2.	Exhibit on Muscle Power / Exhibit based on Paddle Power
3.	Solar Photovoltaic Pump (900W) with drip irrigation
4.	Walk & Generate Electricity through Rolling Drum
5.	Energy Slip
6.	Battery Operated Bicycle
7.	Solar Powered Car for children
8.	Biomass Gasifier Generator / Pump set (5 kW / 5HP) integrated with Solar PV Power Plant and powering the energy park on sustainable basis
9.	Solar Cabinet Drier
10.	Solar Water Heating System (100 – 500 lpd)
11.	Battery Operated Three Wheeler / Van (15 seater) with Back-up Batteries and Charger
12.	Solar Still
13.	Solar Cookers (different types) 16) Box type ii) Concentrating type iii) SK-14 iv) Shuffler
14.	Water Power Exhibits 17) Traditional <i>Gharat</i> (Demo Model) ii) Improved Water Mill Complete Live Model iii) Cross-flow Turbine iv) Francis Turbine v) Pelton Wheel Turbine vi) Kaplan Turbine (All working models with overhead tanks / intake arrangement from water body/penstock/pressure piping, provision of valves and hydraulic switching inside the water power room and required pump sets etc. These will generate power to the extent of 20 Watts and operate LCD System along with Music system)
15.	Wind Battery Charger
16.	Solar Photovoltaic Power Plant (Capacity depending upon the load requirement of the systems installed in Auditorium/Solar Hut)
17.	Water Pumping Wind Mill (Deep well gear type)

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18.	Model of Tidal Power
19.	Model of Wave Power
20.	Model of Ocean Wave Thermal Energy
21.	Model of Geo Thermal Energy
22.	Model of Micro Hydel Power
23.	Solar Passive Component in the Building of the Park
24.	Glow sign board/Display boards in the park
25.	LCD Projector
26.	Exhibits on Energy Conservation Devices
27.	Exhibits - Display Board on Energy Environment
28.	Relation and Chronological History of Energy, Science
29.	Exhibits on Storage of Energy
30.	Exhibits on Solar Photovoltaic (Solar Fan, Small Telephone Exchange, Solar Colour TV with Dish Antenna)
31.	Solar Powered Remote Controlled Toy Boats
32.	Exhibits on Energy - Yesterday, Today & Tomorrow
33.	Exhibits on Energy Transformation / Different Forms of Energy
34.	Solar Refrigerator
35.	Exhibits on Bio-energy (Different types of improved chulhas & biogas plants including Cut Models)
36.	Solar Trolley Bus for children and other visitors
37.	Solar Powered Toy Train
38.	Solar Hut comprising of Shuffler Cooker, Solar Hot Water System, Biogas Cooking System etc.
39.	Physics of the Sun
40.	A Journey to the Sun
41.	Solar Swimming Pool
42.	Exhibits on Fuel Cell
43.	Ethanol based Toy Car for children
44.	Exhibits on Energy Recovery from waste material
45.	Toilet-linked Biogas Plant