

The mechanism of the system works as follows : -

The system operates the smart water desalination plant through the solar cells attached to it, then the energy generation is exploited during the day & runs at night by unloading the battery from the energy, In the event of a drop in the water level in the tank, the system uses the batteries t-installation and accessories, use of (PLC)and remote control of waterto increase the productivity of the system & send an alarm to the control panel at this level of water

The plant is independent in its use of solar cells to power it without the need for other sources. & Development of engineering plans for water desalination or water stanchion

1KW Solar Panel, 5KVA inverter, 2 Batteries, Mounting system & connections

It smart panel system -Light dependent Resistor (L .D . R) and it's accessories & Wifi System prototype fresh water, sterilized (pure) distilled water free from bacteria - we have the producing fresh water suitable for drinking without any traditional fuel & obtained by Sun only the research's system operates the smart Development Healthy water desalination plant at last in out let of water

Energy production company (EPCO)(PIs) contributes the administrative development of the project & the development of the research for sustainability after its completion & it will be the Serves provider. in father moor for our project in job market.

The Position of Research project and the prototype at: Energy production company (EPCO) Gaza, al kartom, St .No.1060-37-EPCO)-the partners involved in the partner project (All the partners) who do not request

financing. (EPCO)Contributions: - Capacity Building with a presentation in the development of engineering designs and data operating from within the following research systems Within the Solar Energy Industry Federation under the umbrella of the general Federation of Industries, the role of developing alternative energy industries in developing the construction sectors: -

- The company contributes to the tasks of green Researcher Assistant the role it plays is the research and applied side to assemble the system, including the use of printed electronic boards PLC, identifying electronic needs & processing Equipment for devices required for research, assembly of electronic boards and related electronic connections in the

research system, supervision of the operation of the smart grid,& the system of using the remote control of smart devices for water control, the development system of manufacturing the mold Dannie number &work plastic models 6 & accessories