CLAIMS

1. A platform for supporting solar panels in which a solar panel support surface seats on an existing building structure or on top of two or more flotation pods to form a module that is adapted to carry a solar panel said platform consisting of an array of said modules connected by a grid of tendons that clip onto the solar panel support surface modules and the solar panels are mounted in spaced apart positions on said support surface.

2. A platform as claimed in claim 1 in which the solar panels are mounted on solar panel supports arranged in arrays on said solar panel support surface.

3. A platform as claimed in claim 1or 2 which includes ballast units located between solar panel supports.

4. A floating platform for supporting solar panels which consists of a plurality of inter-connectable modules, a plurality of structural tendons forming a grid each tendon being attached to a plurality of modules along its length and a transfer beam positioned about the periphery of said plurality of modules each end of said tendons being secured to said transfer beam.

5. The floating platform as claimed in claim 1 is able to be tethered to the shore line of a water body so that the solar panels face north or south;

6. The platform as claimed in any one of claims claim 1 or 4 which forms a platform with the ability to support latitude angle photovoltaic panels by the provision of bosses on the upper surface of each module to connect to photovoltaic panel support structures.

7. The platform as claimed in any one of claims claim 1 or 4 in which each module has at least one surface recess so that the assembled platform has a water run off profile draining in two normal directions in the horizontal plane.

8. A floating platform as claimed in claim 4 in which each module is provided with insertable seals that fit onto and between the perimeter edges of the top surface of each module.

9. A floating platform for supporting floating platforms which includes intermeshing floatation pods and a solar panel support surface that seats on top of two or more flotation pods to form a module that is adapted to carry a solar panel the support surface incorporation drainage channels.

10. A floating platform as claimed in claim 9 in which each flotation pod is an up turned 'T' shaped open pod with several isolated downward open cavities and two pods are aligned to nest at right angles to form the minimum repeatable module .

11. A floating platform as claimed in claim 1 adapted for water storages where the area of the central plate of the reservoir is less than about half of the surface area of the full reservoir and the reservoir has slope areas on its periphery wherein the slope areas are fitted with a slope tracking membrane.

CLAIMS

1. A floating platform for supporting solar panels which includes intermeshing floatation pods and a solar panel support surface that seats on top of two flotation pods that are aligned to nest at right angles to form the minimum repeatable module that is adapted to carry a solar panel, the support surface incorporating drainage channels.

2. A floating platform as claimed in claim 1 in which the flotation pods are bottomless inverted cavities.

3. A floating platform as claimed in claim 2 in which each flotation pod is an up turned 'T' shaped open pod with several isolated downward open cavities.

4. A floating platform as claimed in claim 1 consisting of an array of said modules connected by a grid of tendons that clip onto the solar panel support surface modules and the solar panels are mounted in spaced apart positions on said support surface.

5. A platform as claimed in claim 1 in which the solar panels are mounted on solar panel supports arranged in arrays on said solar panel support surface.

6. A floating platform as claimed in claim 4 which includes a plurality of structural tendons forming a grid, each tendon being attached to a plurality of modules along its length and a transfer beam positioned about the periphery of said plurality of modules each end of said tendons being secured to said transfer beam.