CLAIMS

1. A solar electrical generator comprising:

an outer wall arranged to partially surround a cavity, wherein an inner face of the outer wall is provided with solar cells and an outer face of the outer wall is provided with solar cells; and

a hub within the cavity ~~wherein the outer face of the wall is provided with solar cells and wherein the hub has~~ with an upper face which is provided with solar cells which are within the cavity.

~~2. A generator according to claim 1, wherein the inner face of the wall is provided with solar cells.~~

~~3.~~2. A generator according claim 1 ~~or claim 2~~, wherein at least one of the hub and inner face of the outer wall are provided with a reflector.

~~4.~~3. A generator according to any one of the preceding claims, wherein the outer wall is formed of a curved frame to which a flexible solar fabric is attached.

~~5.~~4. A generator according to any one of the preceding claims, further comprising a power storage device within the hub.

~~6.~~5. A generator according to any one of the preceding claims, wherein the outer wall is connected to the hub via one or more spokes.

~~7.~~6. A generator according to any one of the preceding claims, wherein the outer wall subtends an angle of greater than 250° at the centre of the hub.

~~8.~~7. A generator according to claim ~~6~~7, wherein the outer wall subtends an angle of greater than 280° at the centre of the hub.

~~9.~~8. A generator according to any preceding claim, wherein the outer wall subtends an angle of less than 320° at the centre of the hub.

~~10.~~9. A generator according to any preceding claim, wherein the outer wall is provided by a first panel and a second panel, each panel having a concave inner face and a

convex outer face, the panels being horizontally spaced so that the concave faces face one another thereby defining the ~~central~~ cavity.

~~11.~~10. A generator according to any preceding claim, wherein the maximum width of the hub is less than half of the maximum width of the cavity.

~~12.~~11. A generator according to claim 10~~11~~, wherein the maximum width of the hub is less than one third of the maximum width of the cavity.

~~13.~~12. A generator according to any preceding claim, wherein at least part of the outer wall is movable from a first position into a second position in which its outer face is closer to a vertical plane.

~~14.~~13. A generator according to claim 12~~13~~, wherein the outer wall has an inner portion and an outer portion and the outer portion is movable, while the inner portion is static.

~~15.~~14. A generator according to claim 12~~13~~ or claim 13~~14~~, wherein the movable part of the outer wall is rotatable about a substantially horizontal axis adjacent to its uppermost edge.

~~16.~~15. A generator according to claims 12~~13~~ to 14~~15~~, wherein the movable part of the outer wall comprises a plurality of sections.

~~17.~~16. A generator according to claims 12 to 15~~any preceding claim~~, further comprising a timer to control a~~the~~ movement of the movable part of the outer wall.