

Building size and energy information for:

Camden Friends Meeting House

122 East Camden-Wyoming Avenue

Camden, Delaware 19934

Building areas (interior spaces only)

Existing building = 1,590 SF (35%) 35.7%

New Building = 2,864 SF (65%) 64.3%

Total= 4,454 SF

Energy created by PV System (on new building)

System (1) 8,527 Kwh (generated on site)

System (2) 9,467 Kwh (generated on site)

Total Energy (generated on site) 17,994 Kwh

Total energy purchased (annual) 188 Kwh

Total Energy Used= 18,182 Kwh

(Energy Used by Building)

Existing = 6,491 Kwh

New= 11,691 Kwh

The new buildings PV system produced 90% of the combined buildings annual energy.

The new building produced 150% of the energy it consumed making it a net positive building.

Total the new building generated 17,994 Kwh

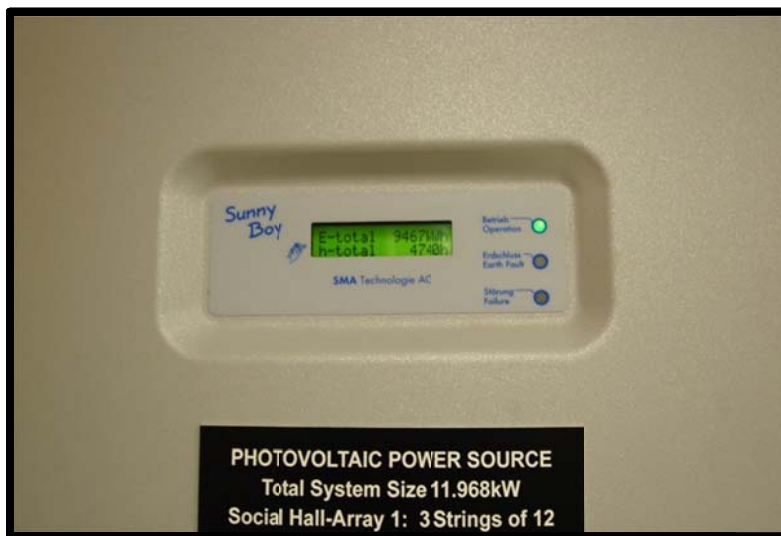
Total the new building used 11,691 Kwh

Total the new building exported 6,303 Kwh

The following photos show the energy generated from the PV system.
The images were taken on May 21, 2010 (the end of the first year of use)



Energy Inverter for
PV system 1 (Library)
E-total 8,527 Kwh
H-total 4,872 H



Energy Inverter for
PV system 2 (Social hall)
E-total 9,467 Kwh
H-total 4,740 H



Utility Meter
5187 Kwh