

**Green Action Team
Green Buildings Committee
September 21, 2006 Status Update**

Solar Photovoltaic (PV) Projects

- 3 projects are completed and online, generating approximately 2 MW of electricity on peak. The remaining 4 projects will be online by January 2007, generating approximately 1.1 MW of electricity on peak. In total, all 7 projects will produce 3.1 MW of electricity on peak.
- The electricity generated by these projects offsets a portion of electricity normally purchased from the utility electric grid.
- The electricity generated from these solar PV systems is emissions free, generated from a renewable energy source.
- The electricity generated from these solar PV systems is purchased at a discount to the otherwise applicable utility tariffs, reducing the cost of energy to the state, and ultimately, the taxpayers of California.
- The amount of electricity generated from all 7 solar PV projects is enough energy to provide 414 households with electricity for one year. 3.1 MW of electricity generated on peak is enough power for 1,500 homes in terms of on peak instantaneous demand.
- These 7 solar PV projects will offset an estimated 1,800 tons of greenhouse gases per year associated with the generation of electricity in California.
- Current plans call for a second solar PV RFP to be issued by the end of this calendar year. These solar PV projects will be positioned to secure incentives under the California Solar Initiative, which begins January 2007. The target for this phase is 5 MW of solar PV generating capacity.