

2009 Tucson Solar Summary

- Tucson's rich history of solar projects
- 10 Years of Solar in 2009.
- 5% Solar incorporated into new city buildings.
- Clean Renewable Energy Bonds (CREBs) projects underway.
- Avra Valley 1 MW PPA contract signed.
- Solar America Cities grant activities.
- Community solar initiatives.

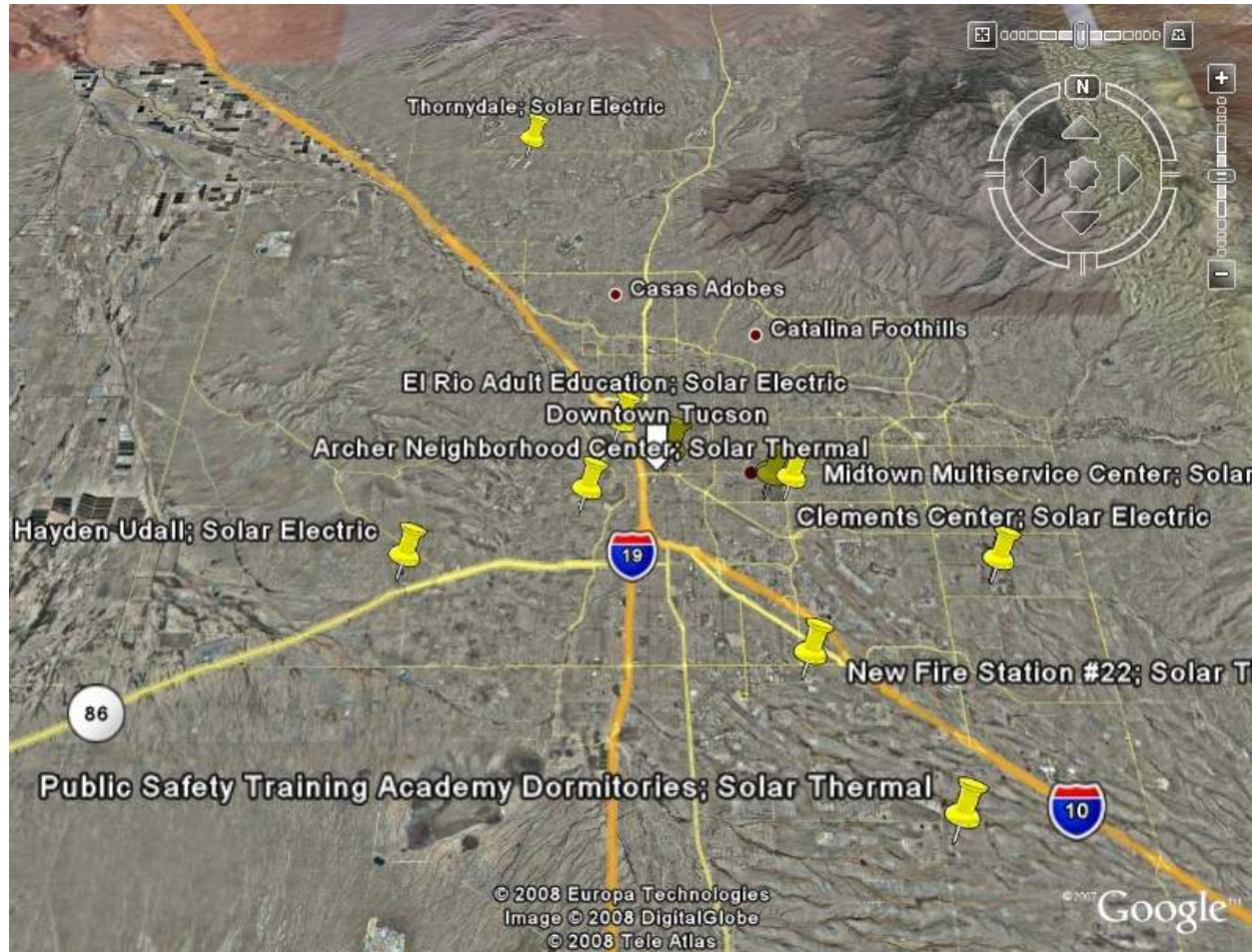


DOE Solar America Cities



**SOLAR AMERICA
CITIES** 

Overview of Existing City of Tucson Solar Sites - 2009



CREBs Project Sites



First CREBs Project-El Pueblo Neighborhood Center-nearly done!



GET READY FOR SOLAR!!!

On June 17, 2008, Mayor and Council unanimously voted to require all new residences to be solar ready for electric (PV) and hot water. Starting March 1, 2009, all new single family homes or duplexes must include in the plans either a solar hot water system or a stub out for later installation of a solar hot water system in order to receive a building permit. Final details of the PV portion of the regulations are being developed.

Solar America City Street Signs - Recognizing Tucson Solar Installations

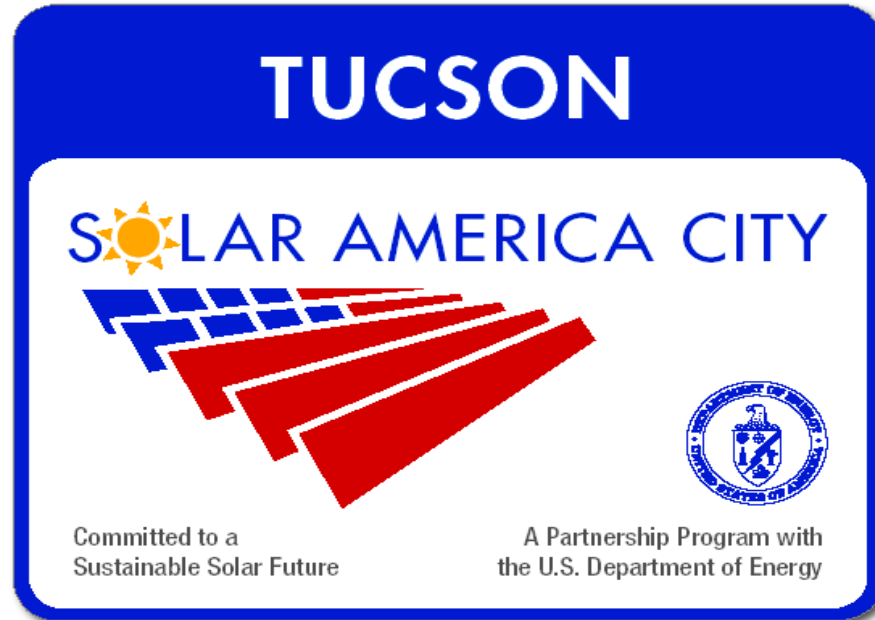
- Civano Community
- Conservation Learning Center
- El Rio Education Center
- Pennington Street Garage
- Sonora Cohousing
- Tucson International Airport
- TUSD - Doolen Middle School & Project MORE
- U of A - Farm & Visitor Center
- Ward 4 Office



Other Community Solar Initiatives

- TEP's REST program provides rebates for photovoltaic, solar hot water and day-lighting projects.
- Rep. Gabrielle Giffords' continues to work on federal solar initiatives including stimulus package money for solar
- U of A AzRISE/TEP solar test field, Solar Decathlon house, solar race car.
- University of Arizona, Pima County and Davis-Monthan AFB developing PPA's for large scale solar installations.
- Pima Community College offering solar installer training classes.
- TREO focusing on solar economic development as one of four major areas.

Questions??



Bruce.Plenk@tucsonaz.gov

(520) 791-5111, X327