



## IEEE Phoenix Area Consultants Network June Meeting: Photovoltaic Power – A Real-Life Report

**Date:** Thursday, June 12th, 2008

**Time:** Feel free to come around 5:30 and socialize.

We take dinner orders around 6:30 PM

Program starts around 7:30 PM

**Place:** Denny's Restaurant

3315 N. Scottsdale Rd. (at Osborn)

Scottsdale, Arizona 85251

### **Abstract:**

Clark Jones will give his presentation on the utility intertie (grid connected) solar energy system installed at his home in Gilbert in 2006. He will briefly describe the system, the specifications of the system, various background information, and the economics of the installation, as well as the results of operating it for nearly two years.

**About the speaker:** Clark earned a B.S. in Computing and Information Sciences from the University of New Mexico in 1980. He worked for 23 years as an engineer in the semiconductor industry, mostly designing and writing highly-specialized compilers. He has also worked as a factory electronics technician and a broadcast engineer. He "retired" in 2003, and now spends his time on managing his investments in the oil and gas industry, and on his position in Mensa (the "high-IQ society") of Regional Vice Chairman for the Far West Region (meaning he's on the national board of directors of American Mensa).

For more information on the January meeting, contact Vaughn Treude, [vaughn@nakota-software.com](mailto:vaughn@nakota-software.com), or see the IEEE PACN website, [ieeepacn.com](http://ieeepacn.com).

## ACTING PRESIDENT'S MESSAGE

Last month we once again held our annual picnic at Lane Garrett's place. It was an enjoyable event as always, with lots of spirited discussion.

As for June: I saw Clark's talk on solar energy at the Computer Society meeting earlier this year. It was definitely interesting and informative. Anybody who's been affected by the high cost of energy (and that's all of us) should attend this meeting. It's a great opportunity to learn more about alternative energy

Just a reminder: this year we won't be holding meetings in July and August. In the past we were the only IEEE in the section that actually met through the summer. But since turnout for these meetings has historically been quite light, I think it would be good to follow the example of the other groups. Meetings resume in September. That month we've scheduled Bruce Johnson to talk about Energy Challenges.

One more request: please be thinking of people who might be interested in attending PACN. Our group is badly in need of some new blood. With the economy as slow as it's been, I expect there are a lot of former 9-to-5ers who are turning to consulting. We also need to schedule speakers for October and November. C'mon, I could use a little help here! This fall is the time we should look for speakers who can draw more than our usual small group of regulars. This will hopefully help us recruit more members and keep the organization alive. As for me, my Midwestern "niceness" is fast running out so we're going to need someone to step forward to fill the President's slot- or this organization will go the way of of the giant ground sloth.

Those of you with any good ideas should come prepared to discuss them at the the Executive Board meeting before the general meeting on June 12<sup>th</sup>.

See you there!  
Vaughn

## Contact Info

Acting Editor: Vaughn Treude (see below)

### Executive Board

Position	Name	Phone	e-mail
President:	Vaughn Treude	(602)750-3662	<a href="mailto:vaughn@nakota-software.com">vaughn@nakota-software.com</a>
Vice President:	C. Bruce Johnson	(480)759-2826	<a href="mailto:bruce.johnson@ieee.org">bruce.johnson@ieee.org</a>
Secretary:	Ron Sprague	(480)966-1380	<a href="mailto:r.sprague@ieee.org">r.sprague@ieee.org</a>
Treasurer:	Bill Morgan	(480)921-4094	<a href="mailto:bmorgan@amug.org">bmorgan@amug.org</a>
Member at Large/ Webmaster:	Paul Everett	(480)706-4753	<a href="mailto:peverett@ieee.org">peverett@ieee.org</a>
Member at Large:	Ed Bawolek	(602)376-1755	<a href="mailto:bawolek@ieee.org">bawolek@ieee.org</a>

PACN Website: <http://www.ieeepacn.com>

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For a membership application, see the following page.

Mail completed form with membership fee payable to "IEEE-PACN" to:

William D. Morgan	Fees:	Full member, IEEE Member: \$25
Treasurer, IEEE PACN		Full member, non-IEEE Member \$30
23 E. Fairmount Drive		Associate member: \$20
Tempe AZ 85282		

**IEEE Phoenix Area Consultants Network  
Membership Application Form**

Membership is available to anyone who is interested in the goals of the organization. Full membership entitles a member to voting privileges at business meetings, and to a web site listing. Associate members are not listed and do not vote, but receive all mailings. Note that the newsletter is distributed via e-mail.

I hereby apply for (full\_\_\_ associate\_\_\_) membership in the IEEE Phoenix Area Consultants Network.

NAME: \_\_\_\_\_  
(Last) (First and initials)

IEEE member? Yes\_\_\_ (Membership number \_\_\_\_\_) No\_\_\_

P.E.? Yes\_\_\_ (States: \_\_\_\_\_) No\_\_\_

Area(s) of expertise: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Company address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_ FAX: \_\_\_\_\_

E-mail: \_\_\_\_\_

Web site URL: \_\_\_\_\_

Home address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Home telephone: \_\_\_\_\_

Preferred mail address: Work\_\_\_ Home\_\_\_ Signature: \_\_\_\_\_