



Energy Outfitters Technical Dealer/Installer Forum Agenda April 3, 4 and 5, 2003 - Sacramento, CA

Meeting Location: Sacramento Vagabond Executive Inn
2030 Arden Way
Sacramento, CA 95825

Meeting Agenda:

Thursday, April 3, 2003 - EVENT #1 - Manufacturer's Technical Presentations

1:00 pm - 1:05 pm Welcome and opening remarks - Bob Maynard and Ray Ogden

1:05 pm - 3:00 pm SMA America, Inc. - John Berdner, President

John will discuss SMA's full product line including the new Sunny Boy 1100, 700 products. He'll have a Sunny Boy system up and running and will be demonstrating the communication system.

3:00 pm - 3:15 pm Break - Refreshments Served

3:15 pm - 4:00 pm SMA America - Continued

After break John will present technical information on the new Sunny Central 125 kW. This large grid-tie inverter will be available mid-year and will offer substantial technical improvements over current products.

4:00 - 5:30 pm Evergreen Solar - William Kanzer / Lance Barrett

William and Lance will take you on a virtual tour of Evergreen Solar's innovative string ribbon manufacturing facility. They will show how the unique Evergreen Solar process will lead to reduced PV costs in the future. You'll see the current product line and hear about technical performance and suggested product applications.

6:30 pm - Til ? Reception - Location to be Announced

You're invited! Reception for all attendees and speakers at location to be announced. Great conversation with delicious hors d'oeuvres and a no host bar.

Friday, April 4, 2003 - EVENT #1 - Manufacturer's Technical Presentations (cont.)

7:15 am - 8:00 am Join us for continental breakfast in our meeting room

8:00 am - 9:45 am SHARP Solar Systems - Arthur Rudin, Director of Engineering

Arthur will discuss SHARP's state-of-the-art manufacturing technology and how SHARP's innovative processes result in the industry's best cell and module performance. He'll review the current module line's performance specifications and SHARP's start up of their facility in Tennessee. He'll also discuss SHARP's NEW pre-packaged Grid-Tie systems that include unique triangular modules, roof flashing and mounting system and SHARP's own inverter.

9:45 am - 10:00 am Break - Refreshments Served

10:00 am - 11:00 am SHARP Solar Systems (continued)

After break Arthur will specifically discuss SHARP new inverter features and benefits. This summer SHARP will introduce their internationally successful Grid-Tie inverter to the U.S. market. Basic specs include 4.5kW DC input and 3.5kW AC output with a DC input range of 110 to 320 volts and maximum efficiency of 94%. The inverter accepts UP TO THREE EQUAL OR UNEQUAL PV strings and combines the power to deliver a single output. This feature allows installation of PV strings with different wattages at different orientations.

11:00 am - 12:00 n Direct Power and Water - Jeff Randall, Vice President of Design & Manufacturing

Jeff will give a complete overview of DP&W products including Power-Fab Roof, Top of Pole and large array ground mounts and battery system enclosures. He'll talk specifically about DP&W's innovative Power Rail racking system that features top clamping, increased strength and high installation flexibility - features that will save you time on the job.

12:00 pm - 1:00 pm Lunch

1:00 pm - 3:00 pm OutBack Power Systems - Christopher Freitas, Vice President

Christopher will discuss OutBack's current line of products including the FX2000 Inverter, MX60 Controller, "The Mate" Remote and Integration/BOS. He'll have OutBack's new 4 kW fully integrated "half-rack" up and running. OutBack will be delivering new power electronics over the coming months including a FX2000 grid interactive 48 volt inverter. Christopher will also give an overview of new product capabilities and planned delivery schedules.

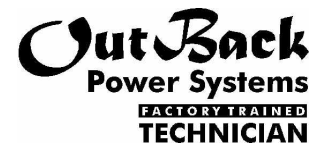
3:00 pm - 3:15 pm Break - Refreshments Served

3:15 pm - 5:15 pm Grundfos SQFlex Pumps - Speaker to be Announced

The SQFlex water pumping line offers high reliability and wide design flexibility. This session will discuss site analysis, product selection criteria and installation methods. You'll get a first hand look at the Grundfos SQFlex design software and see a SQFlex system in action.

Saturday, April 5, 2003 - EVENT #2- OutBack Power Factory Trained Technician Training

OutBack's Technical Training will have four stations staffed with OutBack engineers. The group will be divided into four classes of about twenty people. Each class will have OutBack equipment to work with. The groups will rotate after each 75 minute session.



Training Area 1 - FX2000 Inverter
Training Area 2 - MX60 Controller
Training Area 3 - "The MATE" Remote
Training Area 4 - System Integration and Programming

7:15 am - 8:00 am Join us for continental breakfast in our meeting room

8:00 am - 9:15 am OutBack - Session One

9:15 am - 10:30 am OutBack - Session Two

10:30 am - 10:45 am Break - Refreshments Served

10:45 am - 12:00 n OutBack - Session Three

12:00 n - 1:00 pm Working Lunch with Outback

1:00 pm - 2:15 pm OutBack - Session Four

2:15 pm - 2:45 pm Wrap up OutBack