## DRAFT AGENDA

**PV Grid Integration Workshop**  
**Thursday, April 19, 2012**  
Tucson, Arizona

**JW Marriott Tucson Starr Pass Resort & Spa - Tucson, Arizona**

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| 8:00am | **Introduction to Workshop**  
- PV Grid Integration Overview  
- DOE Grid Integration Efforts | Tom Key, EPRI  
Kevin Lynn, DOE  
Mike Taylor, SEPA |
| 8:20am | **Session 1: Experience with High Penetration PV**  
- Utility Perspectives | George Rodriguez, Southern California Edison (moderator)  
Dwain Duke, CPS Energy;  
Steve Steffel, Pepco |
| 10:00am | **Break** | |
| 10:30am | **Session 2a: Data and Models for High Penetration**  
- Solar Data Inputs  
- Feeder/Load Data (Distributed PV Monitoring)  
- PV Plant Variability, Aggregation, and Impact on Grid Voltage | Mahesh Morjaria, First Solar (moderator)  
Josh Stein, Sandia  
Kristen Nicole, EPRI  
Rasool Aghatehrani, SunEdison |
| 12:00pm | **Lunch** | |
| 12:45pm | **Session 2b: Analysis of High Penetration**  
- High Penetration Modeling and Results  
- Challenges in Modeling Efforts  
- High Penetration Case Study (Flagstaff) | Abraham Ellis, Sandia (moderator)  
Jeff Smith, EPRI  
Barry Mather, NREL  
Jihad Zaghloul, Arizona Public Service |
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| 2:00pm | Panel Discussion |  Robert Broderick, Sandia, (panel moderator)  
|        |          |  Greg Shirek, Milsoft Utility Solutions  
|        |          |  Dennis Flinn, DNV/ KEMA  
|        |          |  Paul Cote, PNM |
| 2:45pm | Break |  |
| 3:00pm | Session 3: Activity in Screening Procedures and Interconnection Standards |  Kevin Lynn, DOE (moderator)  
|        |          |  Darren Deffner, SEPA  
|        |          |  Tom Key, EPRI  
|        |          |  Mike Coddington, NREL  
|        |          |  Matt Heling, Pacific Gas & Electric |
| 4:00pm | Session 4: Interconnection Standards: Utility & Industry Perceptions |  Tom Basso, NREL (moderator)  
|        |          |  Mike Grant, Duke Energy;  
|        |          |  Abraham Ellis, Sandia;  
|        |          |  Bill Plank, Juwi Solar;  
|        |          |  Elie Nasr, SMA America |
| 5:00pm | Adjourn |  |