

Solar Notes, Moderator- Dr. Yogi Goswami

SOLAR PV, Moderator- Issa Batarseh

- If the Florida energy industry is given money to invest in photovoltaic cells, what would their plan be and how would they justify funds?
- Takeaways:
 - There has to be some basis of demand in Florida; it would be hard to attract investors without having some demand
- Problems
 - There is lot of capability with university system in Florida but the system is fragmented – all of these universities are not coordinated and if an industry was interested, they would not be able to organize
 - Entrepreneurs and industries need to be able to mature their ideas for money or for demonstrations; there is a bottleneck in Colorado and it would take years for ideas to mature
- Solution
 - In Florida, create central clearing paths for university systems
 - Use a small central system to create a virtual statewide system where companies/people/investors would go to that virtual entity
 - Virtual entity would connect them to all ideas/universities in the state

Solar Thermal Round-table Attendees

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SOLAR THERMAL, Moderator- D. Yogi Goswami

Solar Thermal Applications

- Water heating
- Cooling
- Storage
- Efficiency
- Industry/process heat
- Solar thermal power (CSP)
- Colocation conventional/solar power
- Desalination

1) Thermal Energy Storage - Solar Thermal Power

- CSP/area requirements
- Desalination
- Colocation with CH₄ - Combined cycle
- Sustainability - usefulness of waste products
 - On-site use?
 - Desiccants?

2) Solar cooling

- Absorption refrigeration cycle
- Transformative research

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