

2008 Solar Annual Review Meeting

Session: CSP Advanced System Topic

Company or Organization: Ausra

CLFR Project UPdate



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ausra

Ausra

- Ausra founded 2002 in AU/ 2006 in US
 - Mills et al. Sydney & UNSW
 - Khosla Ventures, Kleiner Perkins lead investors
 - Strong US electric power team
- PGE-Ausra 177 MW PPA announced 11/07
- 700 MWe/yr factory in LV opens 5/08

Experienced Team



- Bob Fishman, President & CEO
- David Mills, Chairman and CTO
- Rob Morgan, EVP - Development
- Glen Davis, EVP - Commercial
- John O'Donnell - EVP
- Steve Shevick, CFO
- Sam McIntosh, VP - Construction
- Dave Degraaff, VP - Product Development
- Jim Barnhart, VP - Manufacturing

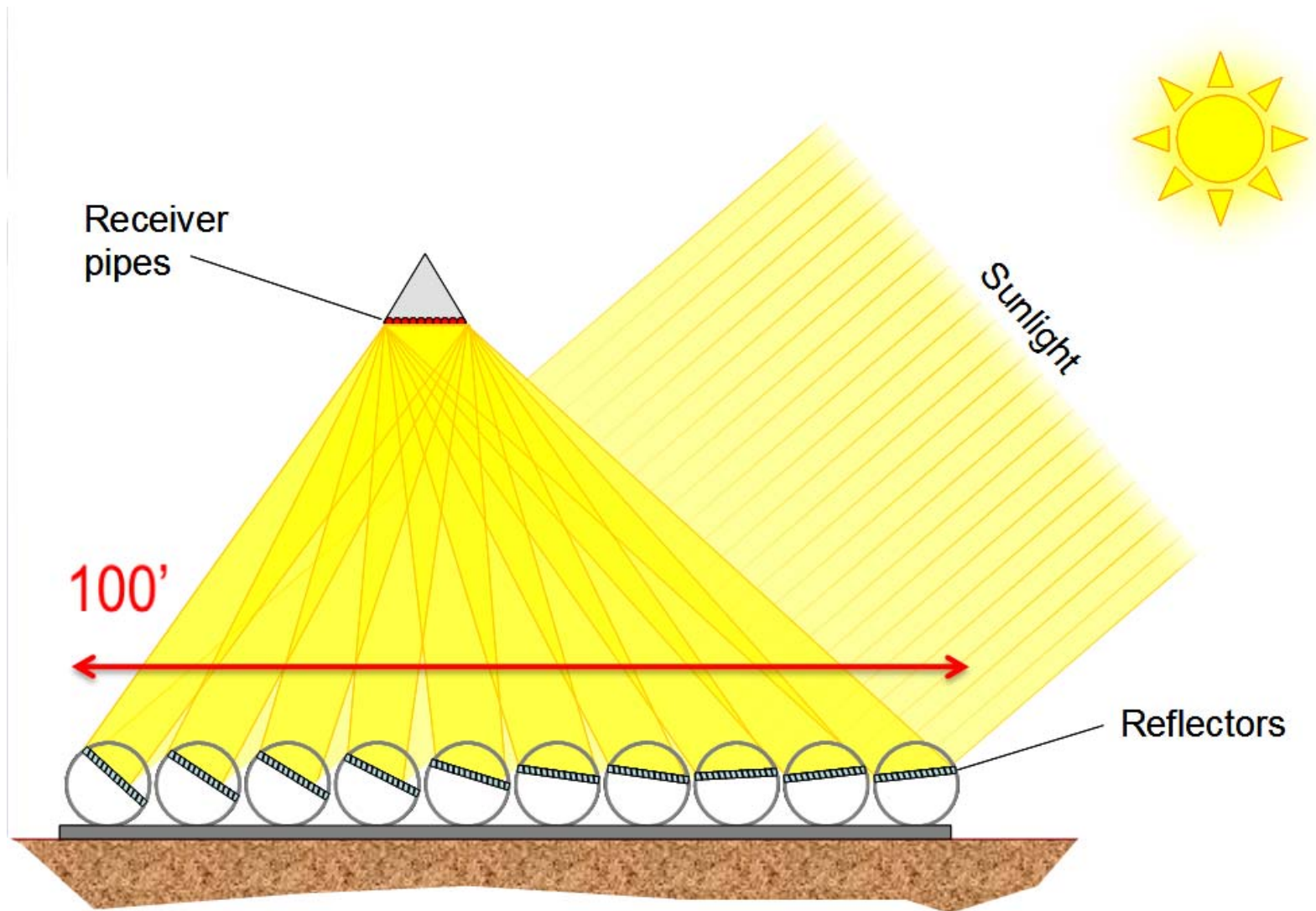


STANFORD UNIVERSITY



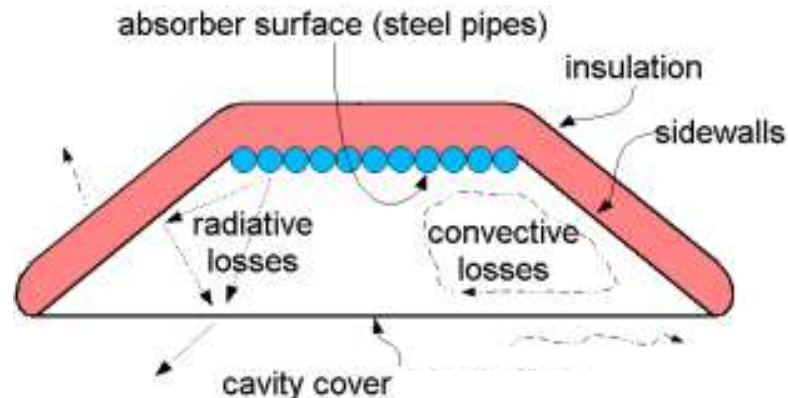
The University of Sydney

Simpler Collector



Simpler Receiver

- Air-stable selective surface
- Air-insulated receiver (stagnant hot air)
- Illuminated only below
- Larger collector aperture => larger target, lower optical precision for same “suns”



CLFR “line”

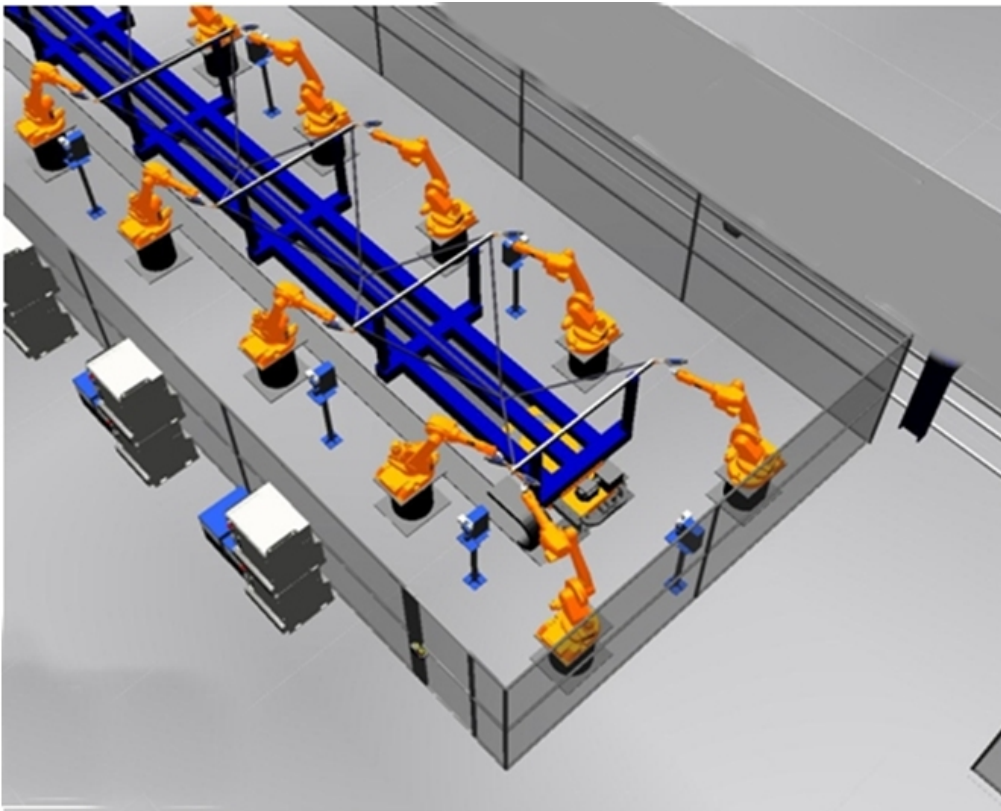


Reflector Module

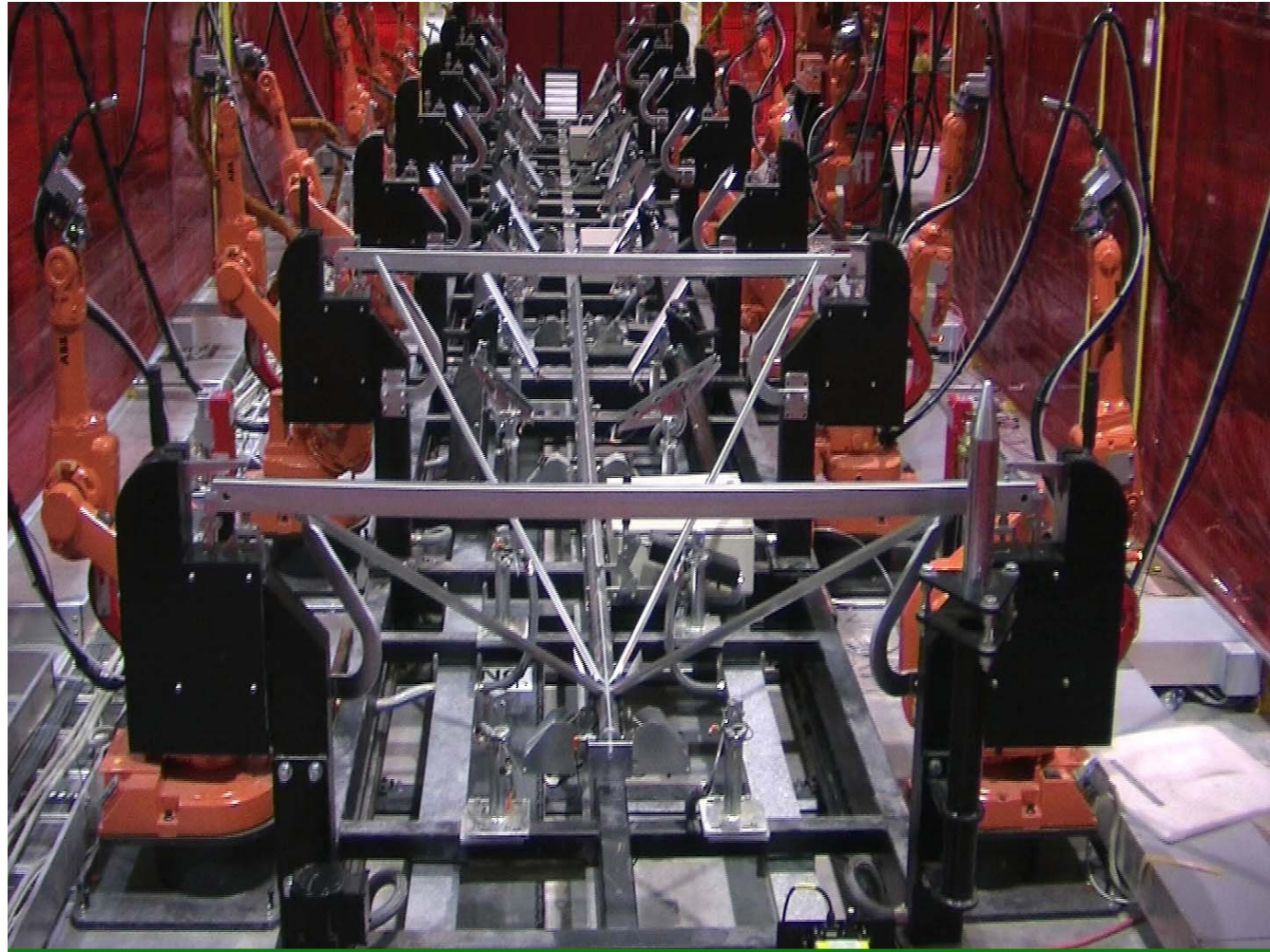


US Production Center

- 700 MWe per an.
- Product Quality



Commissioning



177 MW, 1 square mile



177 MW, 1 sq mi, air cooled

