

Welcome

CSP Conference

Fred Morse, conference Chair

Sacramento, CA. February 18 – 19, 2020

Thanks

David Hochschild, Chair, California Energy Commission, for offering to hold this conference in the Rosenfeld Hearing Room

Dave Olsen, Chair, CAISO Board of Directors, for his early and steady support for this conference and for his help in encouraging of you to speak and/or participate

Jonathan Sinton, title, World Bank, for his encouragement and financial support

Avi Shultz, Executive Committee, International Energy Agency, for his encouragement and financial support for international participants

Thank you

To these organizations for their financial support for the planning and hosting of this conference



Thank you

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Why now?



Cost of CSP+TES is decreasing and its performance is improving



Carbon reduction targets are growing adding more PV and wind and removing more fossil fuel generation from grids



It is time to see if some of the evolving needs of utilities and grid operators can be met by CSP+TES

Participants

19 CSP developers, owners, experts from 8 countries

32 utility, grid operation, commissions and policy makers from the western states

27 consultants, sponsoring companies, DOE, NREL and Sandia Lab

Objectives

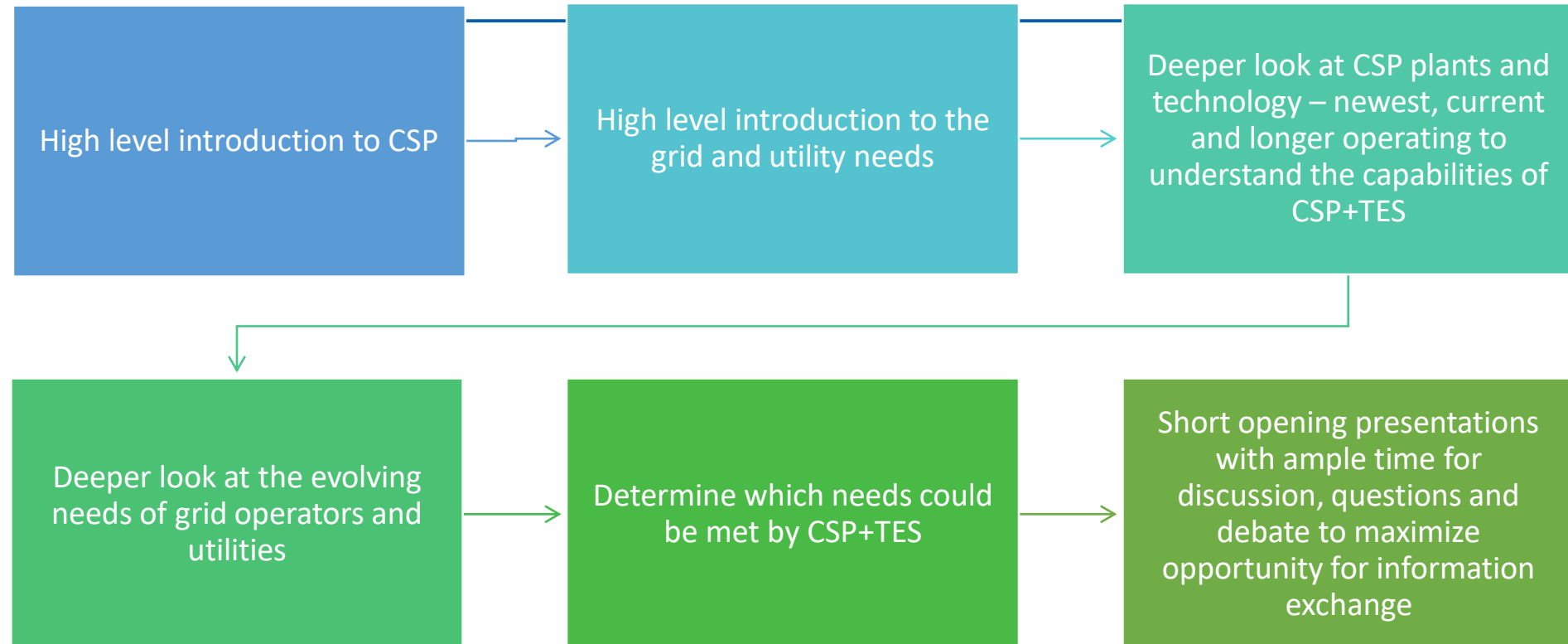
For the conference

- Describe the evolving needs of the utilities and grid operators as carbon reduction targets increase
- Describe the capabilities of operating CSP plants and those under construction
- Determine what role CSP+TES could play in meeting these needs

After the conference

- For regulators to include CSP+TES in their hearings
- For key studies to be redone to correctly include CSP+TES
- For the utilities to release bids for needs that CSP+TES could provide

Flow of the conference



CSP Technologies





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