

SER Colloque Solaire Thermodynamique

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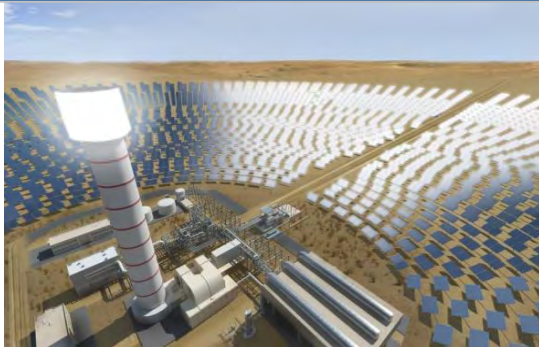
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Tower based CSP plant with direct steam generation and thermal energy storage



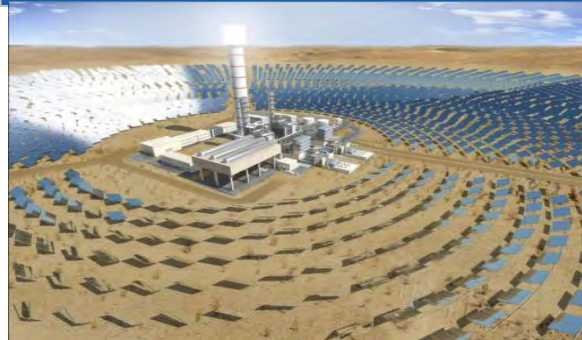
Solar Utility-Scale offerings

CSP units stand alone



- CSP units of 50-250 MWeI output, with/without thermal energy storage
- Possibility to combine solar with auxiliary boilers
- Green production share: up to 100%

ISCC – Integrated Solar Combined Cycle



- ISCC Plants for 50 or 60 Hz markets
- possible generation from solar only, keeping GT shut down
- Generation of “dispatchable” electricity without need for storage
- Cycle efficiency on fuel LHV up to 80%

Solar Boost – for conventional steam plants



- Generation of “dispatchable” electricity without need for storage
- Reduced CAPEX for same output - Leverage existing power block and grid access by maximising utilisation

Ivanpah Project





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