

STERG Symposium 2016

Johan van der Spuy

Solar Thermal Energy Research Group (STERG),
University of Stellenbosch

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ENERGY STUDIES



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STERG



- Research group
 - 75 people: academics, researchers and industry.



STERG

- Access to wide range of laboratories.
- A 1000 m² solar rooftop laboratory with 18 m high receiver tower.



Helio100



- SU, TIA initiative to develop smaller, smarter and modular heliostats locally.
- 100 kW pilot facility at Mariendahl, Stellenbosch.



Research



- Optics and receivers



- Storage



Research



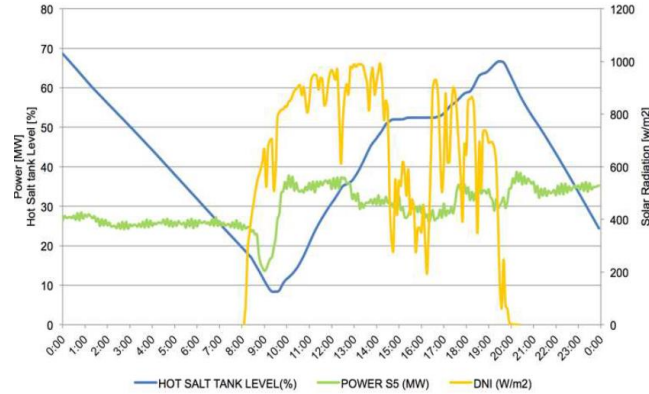
- Dry and hybrid cooling
- MinwaterCSP



Research



- Solar cycle simulation
- Solarised gas turbines



Front right view

Housekeeping



- Main organiser
 - Mbali Mabaso, mmabaso@sun.ac.za
- Presentations
 - 10 minutes, 8 minute warning
 - 5 minutes for questions