



CENTRE FOR RENEWABLE &
SUSTAINABLE ENERGY STUDIES

Integrated Supply Side Technology

Date: 30 March - 3 April 2020

Venue: E353, Electrical Engineering, Faculty of Engineering, Stellenbosch University, Stellenbosch

Registration: [CLICK HERE TO REGISTER](#)

Course fees: R11 400

Presenter:



Dr Graeme Chown is managing director of Chown and Associates which was formed in 2020. Dr Graeme Chown is a power systems control and operations specialist with over 30 years' experience in the electricity industry. He has extensive experience in power system operations, generation scheduling and dispatch, interconnected operations, electricity markets, electricity regulation, ancillary services, energy storage, variable renewable energy studies, transmission pricing, power system studies, power system modelling, and power station control.

Previously Graeme worked 15 years for Ricardo South Africa and 18 years for Eskom. He is a registered professional engineer with Engineering Council of South Africa and a member of the South African Institute for Electrical Engineers.



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Synopsis

The course provides an insight into the supply side of the power system. The focus will be on power delivery characteristics of conventional power stations, intermittent renewable power stations and utility-scale energy storage.

Economic dispatch, energy storage scheduling, load-frequency control and inter-area power flow, dynamic system stability and inertia will also be covered.

An overview of applicable network codes and regulations, and introduction to power system modelling and simulation software will be discussed.

Who should attend

Any person or organization that needs to learn more about the supply side of the power system, integration of renewable energy supply, power system simulation and electricity planning will benefit from this course. Attendees are required to hold an engineering diploma or degree, or show extensive work experience in the power engineering fields.

Certification and Accreditation

The module has been registered with the Engineering Council of South Africa for 4 Continuous Professional Development points. A Certificate of Attendance will be awarded to all participants who attend the full course.

Venue and Time

This course will be presented at the Department of Electrical Engineering, Faculty of Engineering, Stellenbosch University and will run Mo-Fri from 08:00 to 18:00 from 30 March - 3 April 2020. Directions can be obtained from crses@sun.ac.za or <http://crses.sun.ac.za/contact-us>

Travel and Accommodation

Accommodation and travel are for your own account. The Stellenbosch Information Bureau can be contacted at tel. 021 883 3584 for delegates who want to make their own accommodation arrangements. A list of available accommodation can also be obtained from crses@sun.ac.za

Registration

The course is designed for a restricted number of attendees so as to personalize and maximize the learning experience. Bookings will be taken on a first come first served basis.

Registration close: 16 March 2020

Course Fees

- Cancellations made up to and including 16 March 2020 will be subject to a 15% handling fee. No refunds will be made after this date; however, substitutions will be accepted.
- Payment is mandatory for attendance.
- In the case of unforeseen circumstances, Stellenbosch University reserves the right to cancel the course or change the lecturer, in which case all fees will be reimbursed in full, on request.
- The course fee includes all study material, tea/coffee, and lunch.

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