



CENTRE FOR RENEWABLE &  
SUSTAINABLE ENERGY STUDIES

# Integrated Supply Side Technology

Date: 19 – 23 April 2021

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

Registration: [Register here](#)

Course fees: R11 800

Presenter: Dr Graeme Chown is a director of PPA Energy (Pty) Ltd South Africa a wholly owned subsidiary of Ricardo PLC (UK). Dr Chown is a power systems control and operations specialist with over 30 years' international experience in the electricity industry. He has been with PPA Energy for over 12 years. Previously he worked for 18 years for Eskom.



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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 19 - 23 April 2021. Directions can be obtained from [crses@sun.ac.za](mailto: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. A list of available accommodation arrangements can also be obtained from [crses@sun.ac.za](mailto: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

- o Cancellations made up to and including 29 March 2020 will be subject to a 15% handling fee. No refunds will be made after this date; however, substitutions will be accepted.
- o Payment is mandatory for attendance.
- o 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.
- o The course fee includes all study material, tea/coffee, and lunch.

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