

# Analysis and Design of Transmission Towers Using PLS TOWER Software

Playford Hotel 120 North Terrace, Adelaide, SA, 5000 AUSTRALIA

Thursday Feb 27<sup>th</sup> – Feb 28<sup>th</sup> 2025

You will be trained by Daniel Herrera (Mechanical Engineer, MIEAust, RPEQ) of Heroz Engineering on the latest version and these will have Dulhunty Works or PLS – CADD as the licensee. Daniel has over 22 years experience with PLS-Cadd and line design. He has taught in-house Tower courses for Arcadis and others. You may upgrade at normal cost either before or after the course depending on impending upgrades. Should you require any further information regarding upgrades please contact Peter Dulhunty on 0413 431 432.

TOWER is the most widely used lattice tower analysis and design program in the world today. It's ability to link directly with PLS-CADD, the industry standard in overhead line design and drafting software, makes it the tool of choice for overhead line designers.

This course will teach the attendees how to use TOWER to model lattice steel towers, whether for construction of new lattice tower lines or upgrading, re-conductoring, or adding ancillary attachments to existing transmission towers.

#### **Topics Covered**

- General Modeling Concepts
- Building and Viewing a Model
- Design Strength
- Loads
- Analysis and Convergence Issues
- Data Review and Tabulation of Output
- Design Functions
- Using TOWER Models in PLS-CADD
- Existing Towers
- Tower Project Management
- Design Checks Beyond TOWER

#### Cost of training will be;

# \$ 1800.00 for the 2 days without accommodation.\$ 21500 for the 2 days including 1 night accommodation1 GST not included.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Training			900	900	900	900	
Accomm.			350	350	350		

Full days training with Daniel Herrera. All Training Media (including computer and PLS SBL key). Refreshments on Arrival. Morning and Afternoon Teas. Lunch.

We have been able to make a tentative block booking at the ACCOR Playford hotel venue in Adelaide for 4 rooms accommodation at \$350.00 per night.

The above rates are based on single occupancy per room per night and include a full buffet breakfast.

#### Who Should Attend?

This course is open to all engineers and technicians whose companies currently use TOWER and/or PLS-CADD. Each attendee will earn 16 Professional Development Hours for this course.

Since this may be the only comprehensive TOWER class in 2025, register early to avoid missing this

#### **More Information**

A registration form is on the back of this letter. Space is limited to the first 10 registrants. Cancellation may occur if we do not get more than 4 delegates.

#### Details

The PLS advanced and TOWER training course times are expected to be;Advanced PLS (separate registration formTuesdayTraining 8.30am - 4.30pmWednesdayTraining 8.30am - 4.30 pmTOWER Training)ThursdayTraining 8.30am - 4.30pmFridayTraining 8.30am - 4.30pmFridayTraining 8.30am - 4.30pm

I have enclosed a registration form for you to complete and return ASAP or by Valentines Day Feb 14<sup>th</sup> .

Regards,

Peter Dulhunty Chief Engineer

M: 0413 431 432

### Registration form for <u>PLS-CADD TOWER TRAINING COURSE</u> at Playford Hotel 120 North Terrace, Adelaide, South Australia, 5000 THURSDAY FEB 27<sup>TH</sup> – FRIDAY 28<sup>TH</sup> FEB 2025

Please complete one form for each person registering for the course and return to Peter Dulhunty by e-mail. sales@dulhuntyworks.com by 14<sup>th</sup> Februaryay 2025. Any queries please call on 0413 431 432

SURNAME:

FIRST NAME:

COMPANY:

CONTACT PHONE NUMBER (MOBILE) :

EMAIL ADDRESS:

PURCHASE ORDER NUMBER: (REQUIRED UNLESS PRE PAID)

INVOICE TO BE SENT TO (ADDRESS):

CREDIT CARD NUMBER, EXPIRY, CCV CODE: VISA OR MASTERCARD ONLY ACCEPTED NAME ON CARD:

## (Please return by 14 Feb 2025).

<u>REQUIREMENTS:</u>										
(Tick if required)		TOWER Thu 27 <sup>th</sup> – Fri 28 <sup>th</sup>								
Course Registration Fees:		□\$1800								
Special Dietary Requirements (Please Specify):										
			(Tick which	n is required)						
Accommodation Details	No of Nights		Double							
Playford 120 North Terrace	Check in date		King							
Adelaide, South Australia, 5000	Check out		Smokin	6						
+61 8 8213 8803			Non Sn	Smoking □						
\$350 per night										
Living Locally		(Tick if own accommodation has been organised)								