

PLEXOS Beginner Training

Radisson Blu Gautrain Hotel, Sandton

Johannesburg		Wednesday, 16 May 2012		Johannesburg		Thursday, 17 May 2012		Johannesburg		Friday, 18 May 2012	
Day 1	PLEXOS Modelling framework	Day 2	Short-term modelling	Day 3	Stochastic and Long/Mid-term modelling						
		08:30	Arrival tea/coffee	08:30	Arrival tea/coffee						
		09:00	Short-term modelling (i) - Setting up base case: Topology - Generation resources	09:00	Extended capabilities (i) - Variable class and sampling methods - Stochastic optimization						
9:30	Training registration	10:45	Morning break	10:45	Morning break						
10:00	PLEXOS interface and data model(I) - Requirements, installation and upgrade - Basic PLEXOS workflow - PLEXOS settings and configuration	11:00	Short-term modelling (ii) - Fuels and emissions	11:00	Extended capabilities (ii) - Transmission features and configuration						
12:00	Lunch	12:45	Lunch	12:45	Lunch						
13:00	PLEXOS interface and data model(II) - Data entry, import and export - Solution viewer	13:45	Short-term modelling (iii) - Ancillary services	13:45	Mid-term modelling - Mid-term fundamentals and formulation - Modelling/decomposing long term constraints - Outages and maintenance scheduling						
15:00	Afternoon break	15:00	Afternoon break	15:00	Afternoon break						
15:15	PLEXOS interface and data model(III) - Simulation phases overview - Model execution settings - Scenario-based analysis	15:15	Short-term modelling (iv) - Markets - Portfolio Optimization	15:15	Long-term modelling - Long-term fundamentals and formulation - Generation capacity expansion - Transmission capacity expansion overview						
17:30	End of day one	17:00	End of day two	17:00	End of introductory training						