

Day 6: 20th October 2026	
Module 6: Techno-Economic Assessment of SMR Deployment	
	Speakers: Dr. Pronnapa Sanongboon – CNL Location: KX Building, Bangkok
9:00 - 9:10	– Pre-test (10 min)
9:15 - 10:45	Session 1: Economic Assessment (90 min) – Understanding cost structure of SMRs: capital costs, O&M costs, financing costs, and construction time (60 min) – Cost of SMR generation (30 min)
10:30 - 10:45	Coffee break
10:45 - 12:00	– Levelized cost of energy (30 min) – Net present value (30 min) – Comparison with alternative low-carbon technologies (30 min)
12:15 - 13:15	Lunch
13:15 - 14:15	Session 2: Technical Assessment and Case Studies – Parametric framework for techno-economic analysis of nuclear-enabled energy systems (60 min)
14:15 - 15:15	– Techno-economic assessment: economic feasibility, technical feasibility, and performance against baseline (60 min)
15:15 - 15:30	Coffee break
15:30 - 16:45	– Group work assignments (45 min) – Presentation, discussion, and evaluation (30 min)