Air Cooled Condenser Users Group

ACCUG 2024 Agenda *(current as of April 27, 2024)*

Tuesday, July 23, 2024

7:30 – 8:30 AM	BREAKFAST
8:30 – 8:40 AM	Welcome and Introduction to the ACCUG
Session 1: Chemistry & Corrosion	Chair: Barry Dooley, Structural Integrity
8:40 – 9:15 AM	Barry Dooley, Structural Integrity: *ACC Chemistry Overview*
9:15 – 9:45 AM	Durgesh Kumar Lohiya, NTPC: *Design Details of CPU System of NTPC ACC-Based Project*
9:45– 10:15 AM	BREAK
10:15 – 10:45 AM	Manfred Jansen, Anodamine: *Experiences of Anodamine in Plants with ACC*
10:45 AM – 11:30 PM	DISCUSSION: Chemistry & Corrosion
Session 2: Design & Performance	Chair: Riad Dandan, Dominion Energy
11:30 – 12:00 PM	Johan Dewinter, John-Cockerill Hamon: *Alternative Induced Draft Solution*
12:00 – 1:00 PM	LUNCH
1:00 – 1:30 PM	Sean Cusick, SPG Dry Cooling: *Unlocking Efficiency: Overcoming Subcooling Challenges in Air-Cooled Condenser Systems*
1:30 – 2:00 PM	Huub Hubregtse, ACC-Team Technology: *Performance improvement*
2:00 – 2:30 PM	Jason Dehem, AX Systems: *More Performance With Less Resources?*
2:30 – 3:00 PM	BREAK
3:00 – 3:30 PM	Jeff Ebert, Galebreaker: *Mitigating Wind Effects from High Seasonal Winds*
3:30 – 4:00 PM	Mohamadreza Vaghar, MAPNA: *Investigation of Airflow over Air Cooled Condenser's Tube bundle in order to Improve Cooling System Efficiency*
4:00 – 4:30 PM	Gyorgy Budik, MVM-EGI: *From Medium to Large Scale: A Brief Introduction of Dry/Wet Hybrid Cooling Systems*
4:30 – 5:00 PM	DISCUSSION: Design & Performance
5:00 – 7:00 PM	RECEPTION

Wednesday, July 24, 2024

7:30 – 8:30 AM	BREAKFAST
8:30 – 9:00 AM	Chris Meyer, Stellenbosch University: *From Academia to Industry: large-scale implementation of advanced fan technology through innovation in design and manufacture*
9:00 – 9:30 AM	Cosimo Bianchini, Ergon Research: *Recent Progress in the Modelling of Wind Detrimental Effects on ACC Performance*
9:30 – 10:00 AM	BREAK
10:00 – 10:30 AM	Eleanor Baimbridge, Suez: *Live Performance Modelling of Energy from Waste (EfW) Facility's ACCs to Optimise Cleaning Regimes and Maximise Electricity Generation*
10:30 – 11:00 AM	DISCUSSION: Design & Performance

Session 3: Operation & Maintenance Chair: Hector Moctezuma, Valia Energia

11:00 – 11:30 AM	Kris Herijgers and Rob Green, Sumitomo: *Cooling technology/ACC gearbox evolution*
11:30 AM – 12:00 PM	Lee Rhodes, Ferrybridge Power Station: *Performance Improvement Ferrybridge 1 Power Station*
12:00 – 1:00 PM	LUNCH
1:00 – 1:30 PM	Muhammad Asim, ENGIE-Fadhili: *Fadhili Saudi Arabia – ACC Wind Mitigation Project Experience*
1:30 PM – 2:00 PM	Patrick Saususs, Evapco-FanTR: *Fan Modification Impacts on ACC Vibration – A Case Study*
2:00 – 2:30 PM	Chris Meyer, Stellenbosch University: *Update on Current ACC-related Research at Stellenbosch*
2:30 – 3:00 PM	BREAK
3:00 – 3:30 PM	Jacques Muiyser, Howden Netherlands: *Low Noise ACC Fan Retrofit Case Study*
3:30 PM – 4:15 PM	Discussion: Operation & Maintenance
4:15 PM – 5:00 PM	Intergen / Coryton Station personnel: *Coryton Station and Preview of the Air-Cooled Condenser*

Thursday, July 25, 2024

8:00 AM – 1:00 PM	TOUR OF CORYTON STATION ACC