

Semiconductor Industry Energy Efficiency Scaling (EES2) Roadmap Working Group Meeting #7

Hosted by the DOE/EERE Advanced Materials and Manufacturing Technologies Office (AMMTO)

Virtual

June 21st-22nd, 2023

AGENDA

June 21, 12:00 PM – 4:30 PM EDT	
Time	Activity
12:00 – 1:10	Opening Plenary
12:00 – 12:10	Welcome from DOE AMO Organizer (Tina Kaarsberg, DOE AMMTO, Meeting Chair)
12:10 – 12:40	CNT Energy Efficient Devices (Steffen McKernan, Carbontek; J Provine, Aligned Carbon)
12:40 – 1:10	Sustainability in Semiconductor Manufacturing (Prashant Nagapurkar, ORNL)
1:10 – 1:15	Roadmap Strategy-Emmanuel Taylor
1:15 – 1:25	BREAK
1:25 – 4:20	Facilitated Discussions
1:25 – 2:45	Facilitation Session 1: AP/Hi, MEES, PACE, and M&D
2:45 – 2:55	BREAK
2:55 – 4:10	Facilitation Session 2: AP/Hi, MEES, PACE, and M&D
4:10 – 4:20	BREAK
4:20 – 4:25	EES2 Next Steps
4:25 – 4:30	Day 1 Closing Remarks (Tina Kaarsberg, DOE AMMTO, Meeting Chair)

June 22, 12:00 PM – 4:30 PM EDT	
Time	Activity
12:00 – 1:10	Opening Plenary
12:00 – 12:10	Welcome from DOE AMO Organizer (Tina Kaarsberg, DOE AMMTO, Meeting Chair)
12:10 – 12:40	MAPT Sustainability Efforts (Brooke Tvermoes, IBM)

12:40 – 1:10	Microelectronics Energy Analysis (Sadas Shankar, Stanford/SLAC)
1:10 – 1:15	Roadmap Strategy-Emmanuel Taylor
1:15 – 1:25	BREAK
1:25 – 4:20	Facilitated Discussions
1:25 – 2:45	Facilitation Session 1: CnA, Algo, MnB
2:45 – 2:55	BREAK
2:55 – 4:10	Facilitation Session 2: CnA, Algo, MnB
4:10 – 4:20	BREAK
4:20 – 4:25	EES2 Next Steps
4:25 – 4:30	Day 2 Closing Remarks (Tina Kaarsberg, DOE AMMTO, Meeting Chair)