



AGENDA

2024 Annual EUMP Advisory meeting

Date: 04/12/2024

Time	Topic	Who
7:30am - 8:00am	Breakfast, check-in	
8:00am – 8:20am	1. Introductions	
8:20am – 8:40am	2. Welcome address by Dr. Ranade.	Dr. Satish Ranade
8:40am – 9:00am	3. Welcome address by Dr. Satyajayant “Jay” Misra, Associate Dean of Research, College of Engineering.	Dr. Jay Misra
9:00am -10:00am	4. Annual EUMP progress report (including classes and all other activities)	Dr. Olga Lavrova
10:00am-10:45am	5. Presentation by Dr. Wang	Dr. Fengyu Wang
10:45am-11:30 am	6. Presentation by Dr. Shi (tentative)	Dr. Di Shi
11:30am-12:00pm	7. Presentation by Dr. Larry Blank	Dr. Larry Blank
12:00pm-1:00 pm	Working lunch, discussions (Lunch will be provided)	
	Student presentations (after lunch)	
1:00pm – 1:30pm	1. Self-Healing Adaptive Alpha-Zeta Microgrid.	Elijah Silva
1:30pm – 2:00pm	2. EPE Phase Switching Project.	Sijo Augustine
2:00pm – 2:30pm	3. Development of an Electromagnetic Transient (EMT) Simulation Model for a Case Study of Area 16 of the WECC Network, operated by TEP.	Agaba Ame-Oko
2:30pm – 3:00pm	4. Solid State Transformer Project: Design, Testing, and EMP Vulnerability Analysis .	Sijo Augustine, Nathaniel Wallace, Manaswini Gangenini
3:00pm – 3:30pm	5. Impacts of Reserve Requirement Constraints on Locational Marginal Emission Rates and Their Calculation in the Electricity Market.	Md. Arifin Arif
3:30pm – 4:00pm	6. Multi-Scenario Analysis Of Unit Commitment Considering Demand Response And Synthetic Inertia Modelling.	John Ansu
4:00pm – 4:30pm	7. Hosting Capacity Improvement for low voltage networks with high PV penetration, battery storage and transformer constraints.	Agaba Ame-Oko
4:30pm – 5:00pm.	8. Discussion of all items, conclusions, next steps, adjourn.	everyone
5:00pm -..	9. “Overflow” discussions as needed, discussion for next year, other action items	

Link to the presentations - scan the code:

