

**International Energy Agency (IEA) Wind
 Technical Experts Meeting (TEM) #112 Oct 28 – Oct 29, 2024**
*Rutgers University, New Brunswick
 New Brunswick, New Jersey*

Tentative Agenda

Day 1: Monday, 28 October 2024

Time	Topic	Presenter
1:00 pm	Check-in, Badging	All
1:30 pm	Welcome and Opening Remarks Overview of IEA Wind and Task 11	Patrick Gilman – IEA Wind ExCo Chairman, U.S. Department of Energy’s (USDOE) Wind Energy Technologies Office (WETO)
2:00 pm	TEM #112 Objectives and Expectations Background and Motivation – setting the stage for the Extreme Weather TEM	Georgios Deskos, National Renewable Energy Laboratory (NREL) Walter Musial, NREL
2:45 pm	Group photo	
3:00 pm	Networking Break	Coffee and Snacks
3:10 pm	STORM – U.S. Hurricane Research	Georgios Deskos, NREL
3:30 pm	Hurricane Mesoscale Modelling - Extreme wind/wave features of tropical cyclones	Jiali Wang, ANL
3:50 pm	Estimation of extreme wind loading on offshore wind turbines during typhoons	Atsushi Yamaguchi, Ashikaga Institute of Technology
4:10 pm	Extreme winds – from extratropical and tropical cyclones	Xiaoli Guo Larsen, DTU
4:30 pm	Impact of snow, ice, and rain on wind turbine blades	TBD
4:50 pm	Surface ice loading and load mitigation	TBD
5:10 pm	Adjourn	
6:00 pm	No-host dinner – nearby restaurant (TBD)	

Day 2: Tuesday, 29 October 2024

Time	Topic	Presenter
8:00 am	Check-In Coffee/Tea	
8:15 am	Summary of Day 1 and today’s agenda	Walter Musial, NREL
8:30 am	Certification requirements for extreme conditions	TBD
8:50 am	Modeling battery back-up systems under IEC DLC 6.1 and 6.2	Jason Jonkman - NREL
9:10 am	Tropical Class Turbines- Speaker Presentation TBD	TBD
9:30 am	Speaker Presentation TBD	
9:50 am	Networking Break	Coffee and Snacks
10:10 am	Speaker Presentation TBD	
10:30 am	Speaker Presentation TBD	
10:50 am	Speaker Presentation TBD	
11:10 am	Speaker Presentation TBD	
11:30 am	Speaker Presentation TBD	

11:50 am	Lunch – Presentation on Offshore Wind in the U.S. Gulf of Mexico	Walt Musial
1:00 pm	Facilitated Full Group Discussion – IEA Task Recommendations	All
2:00 pm	Interactive Poll or Additional Discussion	
2:15 pm	Collect main points & identify follow-up responsibilities	
2:30 pm	Adjourn	