IBPSA Project 2: BOPTEST
Task 3 Emulator development
Virtual Progress Meeting
4/22/2025
6:00 AM –7:00 AM U.S. Pacific Time

Participation

	Name	Affiliation
1	Ettore Zanetti	LBNL
1	Iago	Cupeiro Sinte
1	Javier	Wedoco
1	Guowen Li	Texas A&M
1	Cas Bex	KU Leuven
1	Kun Zhang	École de Technologie Supérieure (ÉTS)

Minutes:
Current Emulator developments

• Large Office [Yan, Xing] –
PNNL close to finalize test case. Dave and Xing ironing out details on FMU versions.
• YARDS to be open source soon by the end of the month and Cas to share the link in the IBPSA BOPTEST group.

• Twozone Apartment Hydronic [Ettore]
    Two Zone Model will be updated with DER and Storage.
• DTU emulators [Matthias]
    They are currently working on the test cases.
• ETS emulator [Kun]
Kun's postdoc started working on Modelica in the last few weeks and hopefully they will make progress this Summer on the test case.

Miscellaneous
- BS 2025 presentation: No conference in person attenders among meeting participants.
- LBNL started working on test case compilation and will share updates during the next meeting.
- IDEAS Boptest branch was merged into master, so BOPTEST can use IDEAS 3.0 when upgrading test cases to Modelica 4.0 and the latest version of the libraries.