

IBPSA Project 2: BOPTEST  
Task 3 Emulator development  
Virtual Progress Meeting  
6/30/2025

6:00 AM –7:00 AM U.S. Pacific Time

Participation

	Name	Affiliation
1	Ettore Zanetti	LBNL
1	David Blum	
1	Guowen Li	Texas A&M
1	Cas Bex	KU Leuven
1	Harald Taxt Walnum	Sintef
1	Xing Lu	PNNL

Minutes:

**Current Emulator developments**

- Large Office [Yan, Xing] –

PNNL close to finalize test case. Dave found read blocks after overwrite blocks that were duplicated due to an old version of BOPTEST. Also fixed other typos and issues in documentation. Dave to start implementing unit tests.

- Twozone Apartment Hydronic [Ettore]

Two Zone Model will be updated with DER and Storage.

- DTU emulators [Matthias]

Residential test case close to completion and almost ready for review. School still under development.

- 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**

BS2025: Test case paper accepted with minor revisions. Ettore addressed review comment and paper ready for submission

