



Environmental Energy Technologies Division Lawrence Berkeley National Laboratory

Module 2

Technical Working Group Meeting

May 20, 2014

- **Forum**
 - Topics are posted, members can post replies
 - Members can add new topics
- **Email BEDES-TWG@lbl.gov**
 - All Forum members receive the email
- **Add Comments to Spreadsheet**
 - Everyone is looking / commenting on the same doc
 - How to add comments
- **Email Robin (RDMitchell@lbl.gov)**

- 1. Envelope**
- 2. Controls and Operations**
- 3. HVAC**
- 4. Process Loads**
- 5. Internal Equipment Loads**
- 6. Energy Generation and Storage**
- 7. Measures**

Overview of Module 2 -- Structure

Envelope	Wall	Controls & Operations	Controls
	Roof/Ceiling		Operations
	Fenestration		Schedules
	Foundation	Process Loads	Lighting
Internal Loads	IT System		Service Hot Water
	Cooking		Conveyance
	Refrigeration		Process Load
	Dishwasher		Pool
	Laundry		Other Equipment
HVAC	Air Distribution		Well
	Heating/Zone Heating		Water Treatment
	Cooling/Zone Cooling	Energy Generation & Storage	On-Site Generation
	Other HVAC		Energy Storage
		Measures	

- **Window characterization**
 - R-value vs U-factor
 - Other characterizations
- **Building Geometry**
 - Look at Asset Score, Bob H. AUC, Amir AIA
- **Metadata**
 - Marshall's ideas
 - Implementation
- **HVAC**
 - Look at Asset Score, Bob H. AUC