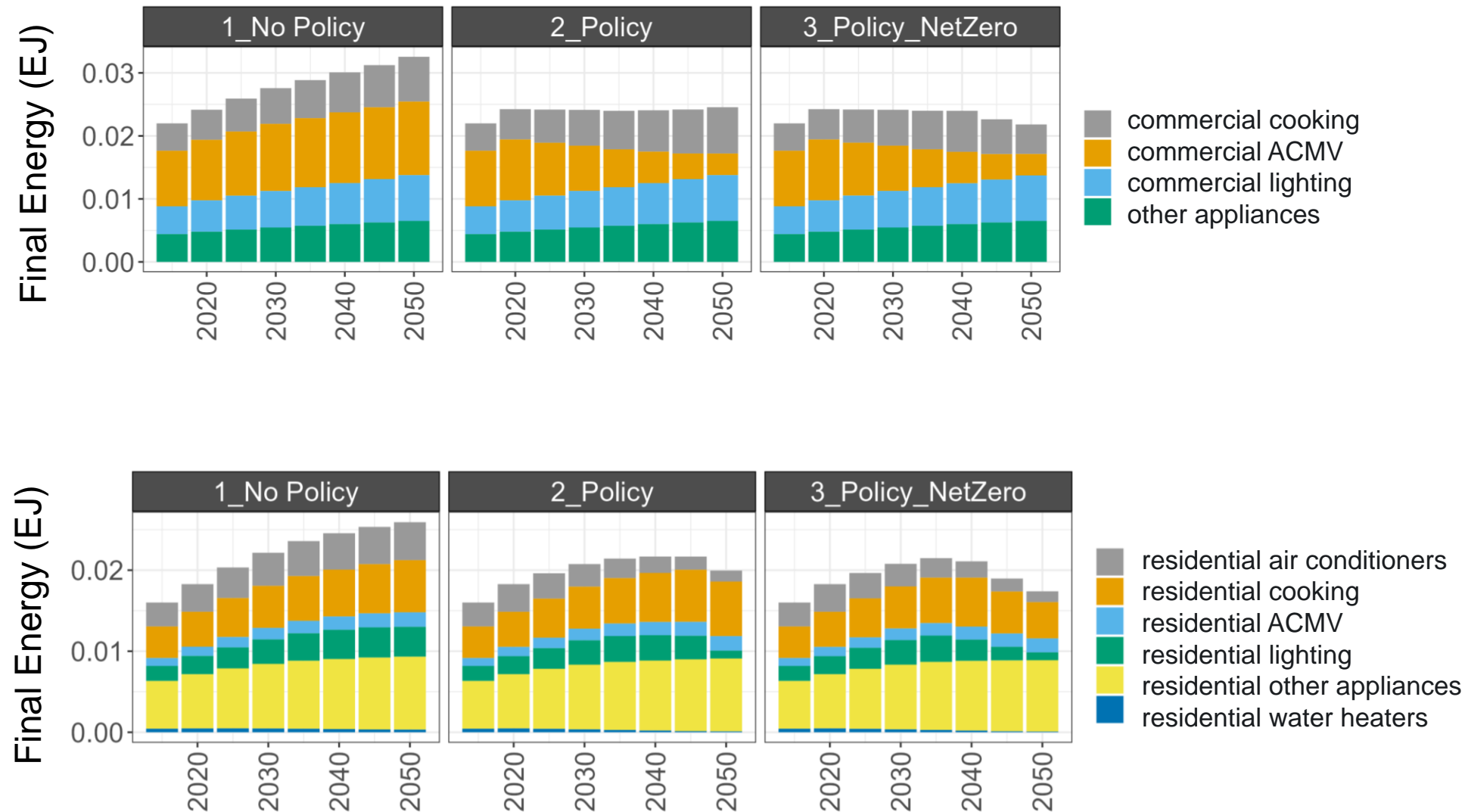# PNNL-UTM April Meeting

April 18/19 2023

Agenda

- Results
  - Buildings
  - Electric Generation
  - Transportation

- Stakeholder Meetings

- Final Report Discussion

- Webinar

- Trip Logistics

Further action can reduce energy consumption from buildings

Currently modeled policies reduce electricity consumption
- Appliance efficiency
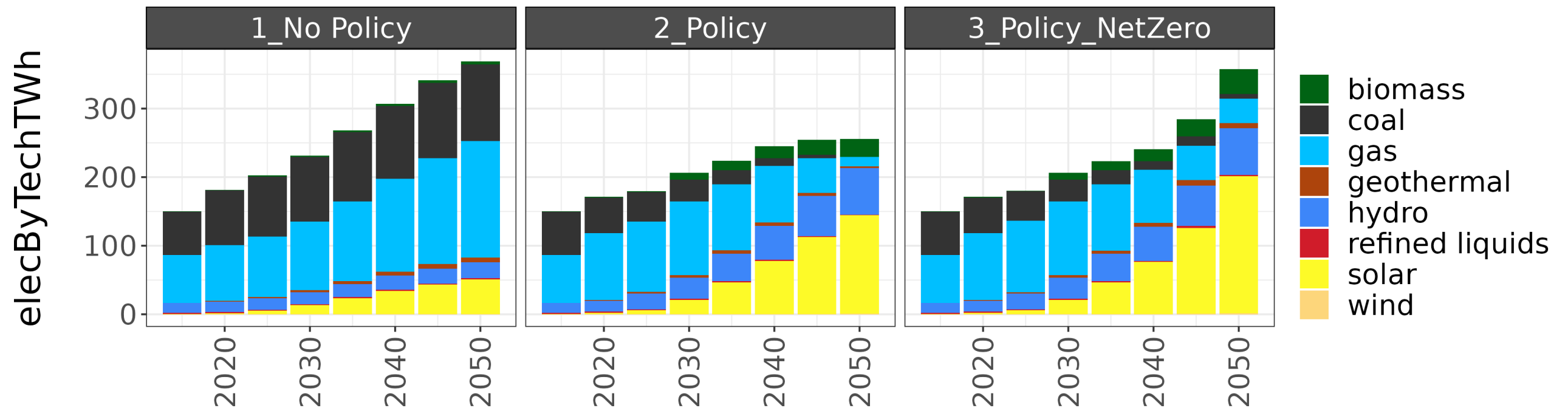- Building envelope efficiency
- Phase-out of non-LED lighting

Additional policies that can further reduce emissions
- Transition from LPG/biomass to electric cooking technologies
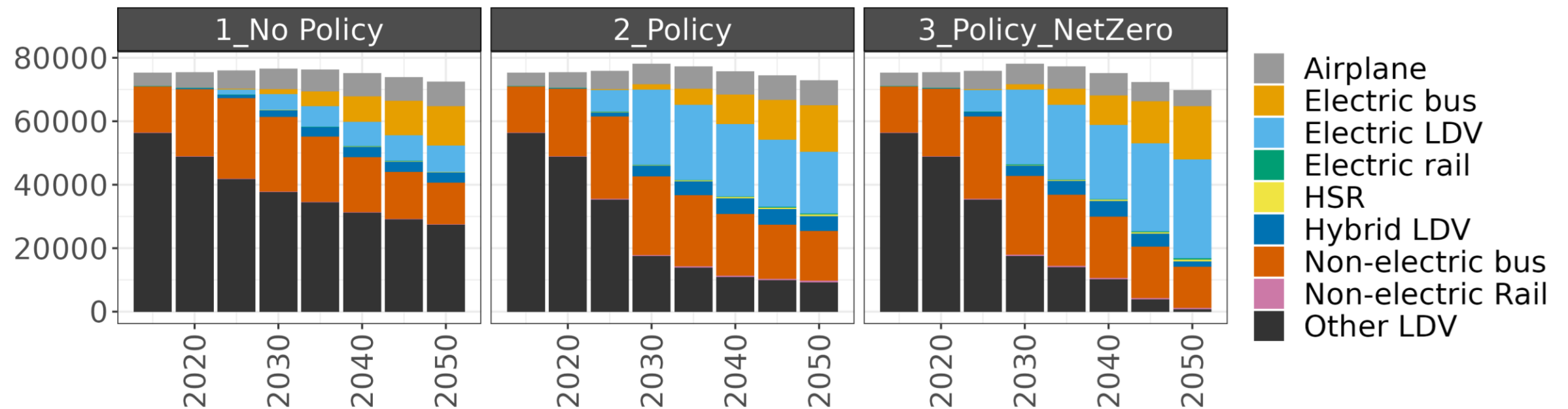- Increased efficiency of other appliances such as water heaters

Electric generation updates

- No nuclear
- Currently updating shares based on feedback in memo
  - Hydrogen?
- "How can we explain the higher electricity generation under the policy net zero scenario?"

Transportation bug fix

- For modal shift, we are relying heavily on busses.
- We can adjust Rail / HSR shares in reference, and increase those shares in policy scenarios.
- Can remove airplane.

Stakeholder Meetings

- Planning for the end of May
    - DBKL: Wednesday, May 24th
    - SEDA / NRECC: Wednesday, May 31st

- What will be most important to cover in these meetings?
    - Focused on policy implementation and high-level results last time

Final Report Discussion

- Have started preparing our final report

- What will be most helpful to include?
  - Outcomes
  - Recommendations

Webinar

- This will be a virtual event

- Asia Clean Energy Forum, June 13-16 in Manila
  - Venue for webinar? Could have a 1.5 hour time slot.
  - Would need participation from the Mayor of KL.
  - Involve / invite other ASEAN smart cities.
  - Is UTM aware of anyone participating in this?

Trip Logistics

- Planning for July
  - Any dates that will not work for UTM or stakeholders?

Thank you