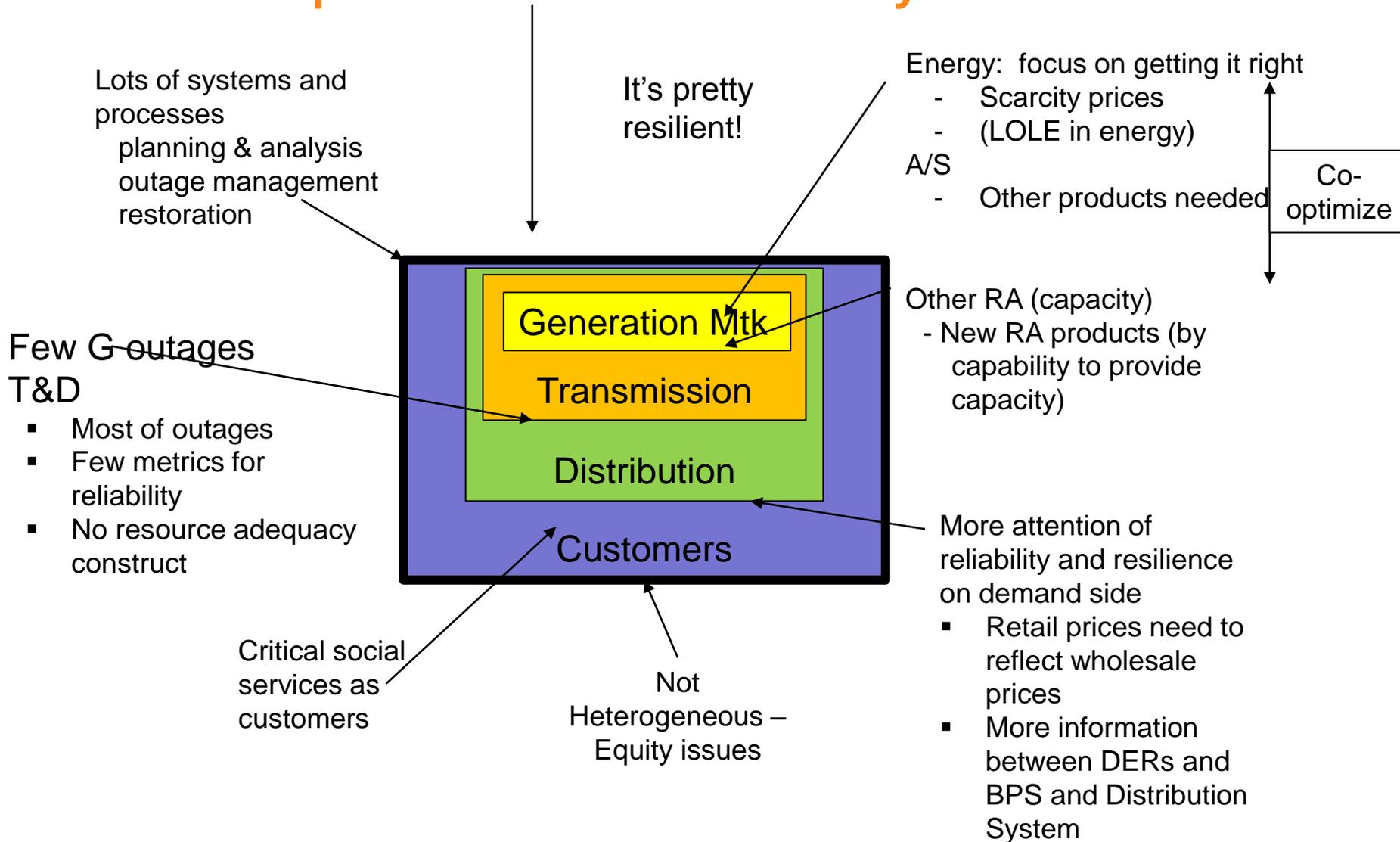


Karen's original questions: Focus on the economics of BPS resilience

- **Definition and value of R (and how it differs from reliability)**
 - What's the value of keeping the lights on, minimum service requirements, most important threats.
- **Identifying the market failures that are not supporting resources**
 - look at it at the conceptual and concrete levels.
- **Identifying priorities by region.**
 - How can economic thinking help us changes that are needed (if any)
- **Identifying important research questions:**
 - effective and efficient market designs, with research that is relevant

The landscape of a resilient electric system



Other issues

- Resilience isn't just an issue in the organized markets
- First principle: try to find a market solution first; focus on market failures
- Resilience should be technology neutral
- Institutionally and legally: is resilience part of reliability or different?
- Gas/electric interface issues: very big deal
- Role of the regulator – FERC, NERC, state PUCs, legislators
- Policy and customer relevance of these market-design approaches
- Implications of these discussions in a low-marginal cost world
- Tolerance of customers and the economy of big, long outages
- Lots more research, analysis on all of this.... It's a journey