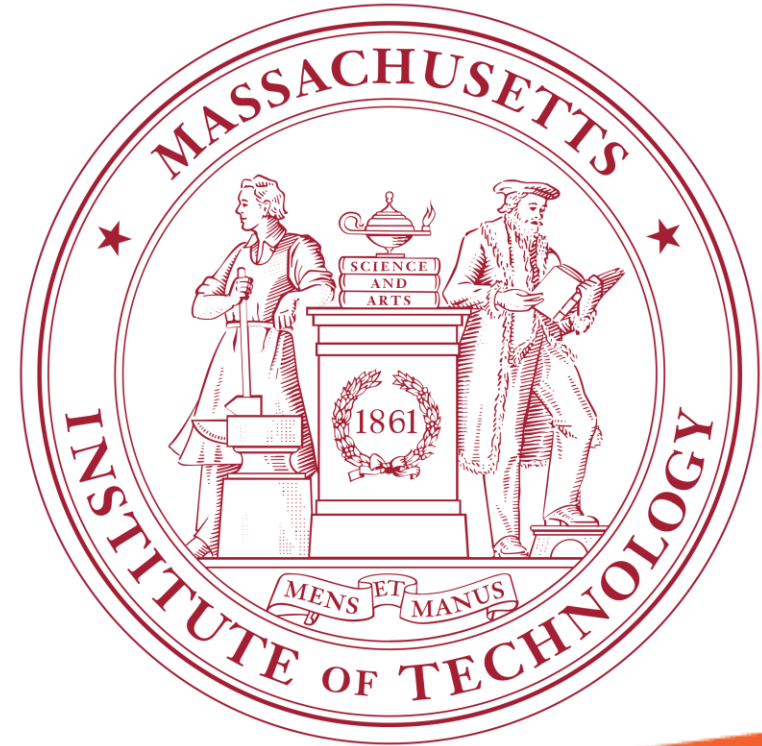


Future-Focused: Develop a future-focused mindset

2022 ElectriCities Annual Conference
Breakout Session

Ice Breaker: Lessons learned from engineering design class



Ice Breaker: MIT 2.007 Design and Manufacturing I

[The history of 2.007 | 2.007 : Design and Manufacturing I \(mit.edu\)](#)



Ice Breaker:

MIT 2.007 Design and Manufacturing I

Preliminary lab assignment:

- Design a machine that can travel 10 feet on the floor the fastest.
Must use at least ten parts and must propel itself using stored energy.
- The next slide shows the parts you can use (along with fasteners or glue)





Ice Breaker:

MIT 2.007 Design and Manufacturing I

Lesson learned:

Life is fair. You just need to understand the rules!



Future-Focused: Develop a Future-Focused Mindset

Goals:

1. Keep pace with change in the industry
2. Disrupt ourselves and compete like a challenger
3. Identify and effectively manage risks
4. Identify and utilize benchmarks to drive performance
5. Partner and collaborate for expertise, efficiency, and scale



Why is Future-Focused a Priority?

Future-Focused is embedded in our guiding statements

- Vision:
 - To be and be recognized as the leader in providing superior service and innovative energy solutions to communities and customers in our region
- Purpose:
 - Deliver value to our communities and customers through collective strength, knowledge, and action while promoting a successful future



Why is Future-Focused a Priority?

SWOT (Strengths, Weaknesses, Opportunities, Threats) Analysis

- Strengths:
 - Local ownership and control
 - Strong fundamentals: low cost and reliability
- Threats:
 - Adverse legislation and/or new regulations
 - More demanding customer expectations
 - Private equity and non-traditional competitors



Why is Future-Focused a Priority?

- Weaknesses:
 - Lack of long-term vision and leadership (willingness to change; and annual budget-focused)
 - Keeping up with industry trends
 - “Missing the glue”, members are not cohesive
 - Lack of urgency, and the ability to move quickly
 - Scalability and viability of some individual members
- Opportunities:
 - Forward facing – be the provider and employer of choice

Goal 1: Keep pace with change in the industry

- Make it somebody's job to really understand the industry
 - Ensure that this job is a priority, and it is appropriately staffed
- Use data to understand your position relative to industry trends
- Set appropriate goals with long-term planning
- Fund your plan and Staff your plan
- Make it somebody's job to achieve the plan's objectives

Goal 1: Keep pace with change in the industry



Goal 2: Disrupt ourselves and compete like a challenger

- Adopt a competitive mindset
 - Behave as if you do not have a monopoly
- Separate Operations and Development and require cross-training
- Allow for risk-taking and failure
- Empower employees to identify and enact improvements
- Innovation should counterbalance risk management

Goal 2: Disrupt ourselves and compete like a challenger



Goal 3: Identify and effectively manage risks

- Identify and rank risks that may impact you
- Establish simple/efficient risk management processes
- Effective risk management should not prevent the enablement of new ideas
- Understand that avoiding change or not acting is a risk
- Place a higher value on good judgement over adherence to rote procedures
- Risk management should counterbalance innovation

Goal 3: Identify and effectively manage risks



Goal 4: Identify and utilize benchmarks to drive performance

“If you are not keeping score, you’re just practicing.”

-Vince Lombardi

- Identify a small number (<10) of key measurements
- Measure yourself against an appropriate benchmark
 - Don’t just compare yourself with other public power utilities
- Understand the differences
 - Look for the story behind the number
 - Use data and perform analyses
- Set corrective action plans



Goal 4: Identify and utilize benchmarks to drive performance



Goal 5: Partner and collaborate for expertise, efficiency, and scale

- Ties to the Value of Collaboration
- Understand your limitations based on your situation
- Compare notes and look for best practices
- Pool resources
- Utilize third parties, including ElectriCities
- Be humble, check your ego at the door

Goal 5: Partner and collaborate for expertise, efficiency, and scale



How Your Utility Can Get Started

- Understanding the industry and performing your own SWOT
 - ElectriCities “State of Play Presentation” and research
 - Retail customer survey
 - Utility assessment
 - Economic Benefit Study
 - RP3 data
 - APPA Smart Energy Provider Program
 - Other datasets
- Long-term Planning
 - Hometown Connections
 - Other consultants



How Your Utility Can Get Started

- Innovation and prudent risk taking
 - ElectriCities technology services
 - Third party consultants
 - Catapult – organizational development training and consulting
 - Neuro Leadership Institute – innovation and developing a growth mindset
- Collaboration
 - Participation on various ElectriCities committees
 - APPA
 - NCAMES



How Your Utility Can Get Started

- Other organizations you can access through ElectriCities
 - Large Public Power Council (LPPC)
 - Smart Energy Consumer Collaborative (SECC)
 - Smart Energy Provider Alliance (SEPA)
 - Utility Analytics Institute (UAI)
 - E4 Carolinas
 - Research Triangle Cleantech Cluster (RTCC)
 - NC Chamber



Questions and Discussion