

Energy & Resilience Task Force 2019 Q2 Meeting

NOTES

May 3, 2019

Action/Next Steps

- Beginner's Guide—Resilience Strategies
 - Review the slides in more detail and provide feedback to GRC on the following:
 - *Do these materials cover the right content? Is there anything missing in it?*
 - *Is this the right level of detail? Are there places you want more or less material?*
 - *Who do you think the right audiences are for this material in your organization?*
 - *Are there any opportunities for presentation of the materials that you are aware of now?*
 - Share Boston Society of Architects case studies (Carole)
 - Share Art Forum article on NYC museum's emissions (Annie)
 - Arrange a presentation by the City/BPDA/Bud Ris to provide high level information on regulations/opportunities/resources and address questions of group
 - Deep Energy Retrofits
 - Share Boston Properties sustainability report (John)
 - Contact the Mass Cultural Council to discuss funding incentives currently available
 - Follow up on the Deep Retrofit opportunity; consider/discuss interest
 - Follow up with ISGM on serving as an example/model
 - Continue to plan for board presentations to member institutions
 - Plan a learning session/workshop with representatives from the Healthcare Working Group
 - NEXT MEETING FOCUS: Collections
-

Beginners Guide—Resilience Strategies

- Response to the outcomes of the survey--point of primary concern
- Materials for board presentation--master slide deck (this is one section)
- Is this the right depth or level of content for this working group?
- Background on the GRC and the City's climate goals, members, funding, GRC structure, current participants [acknowledgment of the TWO task forces]
- Background on the threats (heat, flooding, etc.) and impacts--relationship to mitigation work
- 40" sea level rise by 2070 = city's benchmark for planning (may rise based on future studies) and future construction reviews
- There are slides on past sea level rise if helpful--plus the future projections (1% storm)
- High tide maps are the more important maps to look at--chronic vs. one-time impact
- Five layers of action, eleven strategies and thirty-nine initiatives
- Coastal protection vs the barrier -- Resilient Boston Harbor (\$3-4 Billion required)
- Next round of challenges--how do you pay for it? Who does it? Where does it fit within the larger city budget and structure?
- Specific concerns related to the cultural institutions; immovable, city identify, collections, etc.

- Does BPL serve as a community shelter? -- Disaster/Emergency Planning
- Build off the existing disaster/emergency plans already developed
- Process on how you get to a more resilient place
- Disaster timeline for how long you need to be on emergency power needs to be extended and general practice now is to relocate power sources to higher places
- City still needs to work on infrastructure changes to accommodate localized building needs
- Ideally, any new power sources are electric or renewable
- There will be more regulations in future
- Boards, staff, donors as targets for use--PP guide that could be easily shared

Deep Energy Retrofits

- Not to be confused with DTR (energy island model), how to reduce your carbon footprint
- Efficiency and electrification are the main things we can control
- In Boston, buildings are the biggest greenhouse gas emitters (86K with commercial builders being the highest emitters)
- Want a reduction in energy use but also a generally improved environment (i.e. air quality, natural light, etc.)
- Good local example = Boston Properties' Hancock Tower
- Build a portfolio of deep energy retrofits by way of example in Boston—i.e. How this can work within specific types of buildings and institutions
- Looking for samples now--anyone within the CIWG who might be willing to participate as an example project
- GRC would like to talk to you about your possible future projects or past examples
- ISGM is willing to talk to the GRC about their current trajectory (plus consultant) --low hanging fruit (first 30%) plus longer term, harder items (15%)
- Want to take advantage of the incentives offered by the utilities
- Would like feedback from the group at any time
- Funding and debt associated with retrofits over time--needs to be part of normal capital planning process (strategic energy management with your regular planning) as opposed to doing it on its own--synching these activities