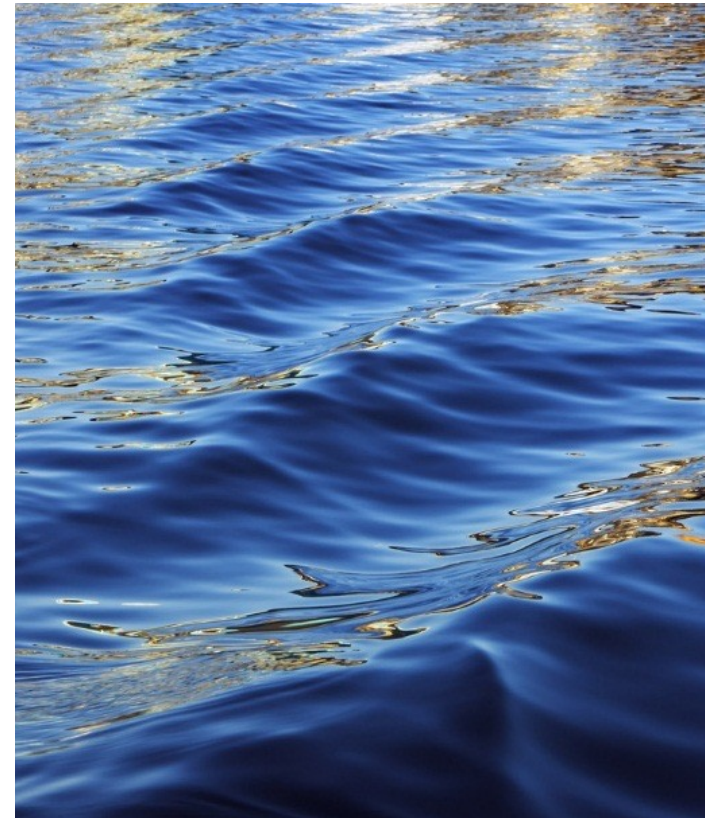




Addressing Issues Related to CHP and LL97

Making the Case for CHP as an
Enabler of the Decarbonization
Roadmap {Tom Bourgeois }



Our Hypothesis: CHP Properly Done Facilitates Decarbonization & Improves Outcomes

- To be effective, this organization needs to develop an empirically grounded analytically sound foundation to support claims
- Key policymakers, decisionmakers, and stakeholders are open to dialogue with the CHP industry
- There are a set of outstanding issues that key influencers need answers to
- Today, we “preview” some of the topmost concerns

I. Low Carbon Fuels (LCF) Issue Area

- How should the City and State assist owners of large CHP systems to modify their systems to burn LCF's
- When does it make sense or not make sense?
- What is the current LCF market like in NYC?
- How new or how big should a system be to prioritize LCF modification vs. simply phasing out use of the CHP system?

II. Demonstrating “Superior” Performance


- How can an owner satisfactorily demonstrate the low carbon operation of their system
- What parameters/requirements for continued use can be set
- How can this be documented

III. Crafting Standards for establishing the operational efficiency of a CHP system

- What are “best practice” standards (examples, citations, where adopted, etc)
- What is best practice in assessing net delivered energy streams to buildings (formulas, how measured, citations, authoritative bodies using)
- Net Power Output
- Net Thermal Output

IV. CHP Resiliency Issue Area

- For CHP systems not currently designed to operate in an islanded mode
 - * can they be easily modified to provide resilience
 - * factors determining “ease” of modification
 - * how expensive is that?
 - * what are the barriers?



We invite you to please,
share your thoughts,
advice, guidance and
experiences

