How Challenging the Status Quo with Mixed-Use Microgrids can Realign Institutional Thinking.
Customer: Greystar
Site: College View Campus at Mississippi State University
  1000 Collegiate Housing Beds
  Retail & Restaurants
  Hotel
  University Facilities
  Aquatic and Health Facility
  Child Development Center
Project: Mixed-Use Trigeneration Microgrid
  1.14 MW (4) 285 kW Trigeneration Engines
  Absorption Chillers
  Central Boiler + Chiller Plant
  Microgrid Controls
Key Project Benefits:

Taking the initially proposed distributed split system equipment out of the new build construction budget improved the project’s economic viability for Greystar. Removed diesel generators from budgets.

Operating clean energy equipment is not a core competency of Greystar, but sustainable resiliency is a goal of its Funds.

Fund requirements require that Greystar properties meet very stringent sustainability benchmarks and resiliency requirements.

1.14 MW (4) 285 kW Trigeneration Microgrid in 3 phases
$111,000 Annual Energy Savings
$0 Capital Outlay
75,000 Metric Tons of CO2 Output Eliminated
1 The Ideal Microgrid Project...or not.

2 Challenging the Status Quo.

3 Achieving Alignment.
The Ideal Microgrid Project …or not
The Ideal Microgrid Project

There are no ideal microgrid projects.
Challenging the Status Quo
Most roadblocks have solutions.
ACHIEVING ALIGNMENT
Engage all stakeholders.
Recap:

1. There are no ideal microgrid projects.
2. Most roadblocks have solutions.
3. Engage all stakeholders.
Questions?
Thank You

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