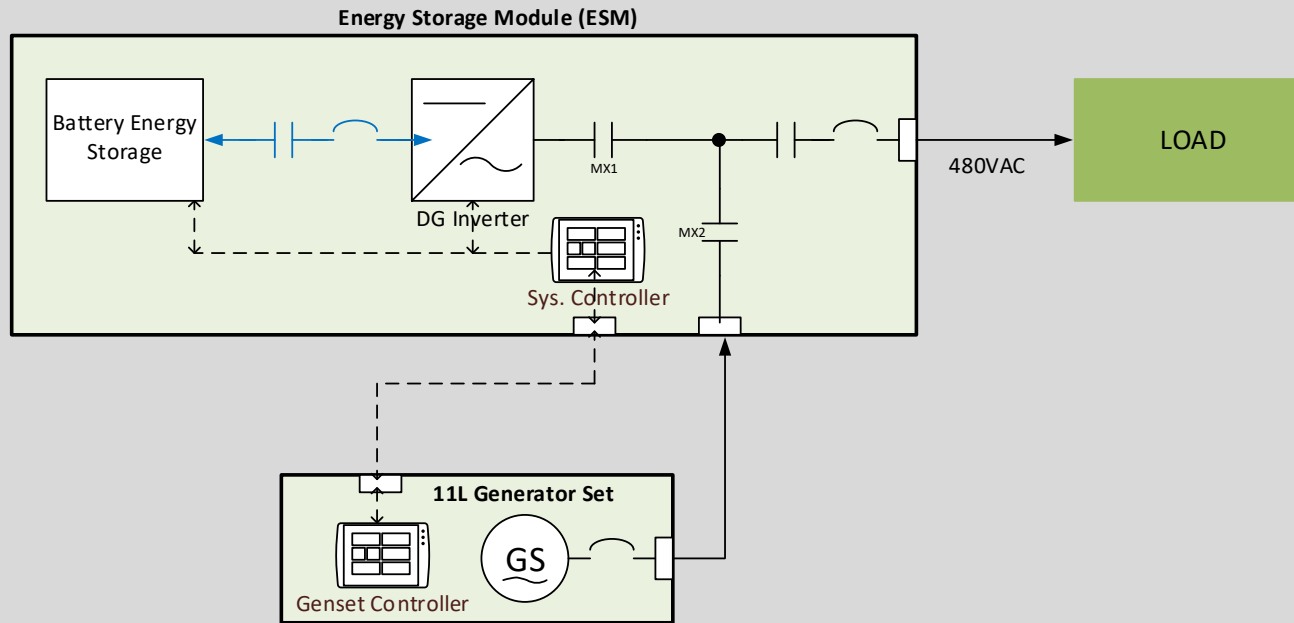
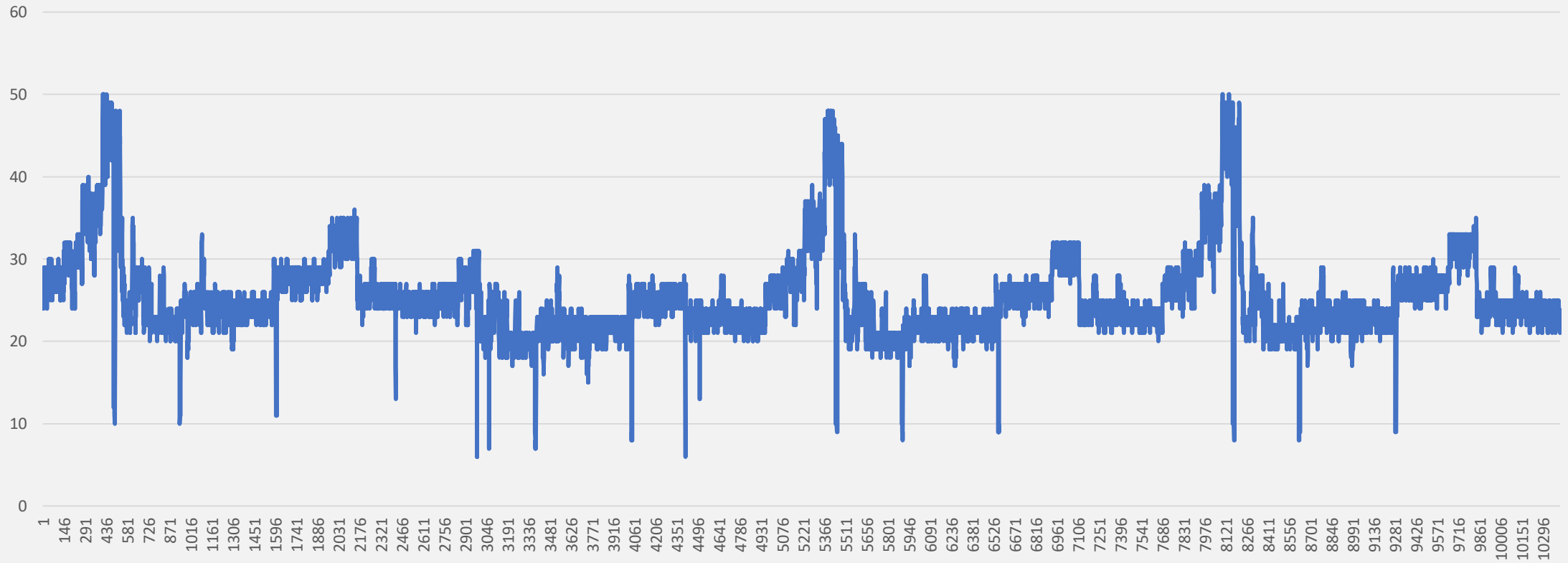


Hybrid Generation- Key to Effective Micro Grid Deployment



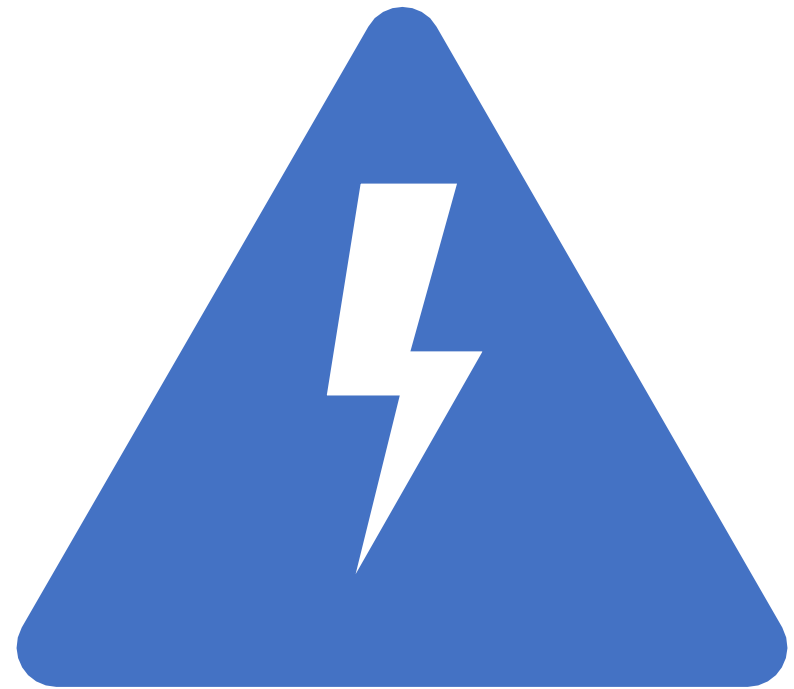
Micro-Grid Load Profiles Favor Hybrid Technology

Typical Gen Load Profile vs. Load Capacity



Hybrid Gen Capability

- Integrates:
 - ✓ Expandable energy storage
 - ✓ Renewable energy resources
 - ✓ AC thermal generation (generators)
 - ✓ Commercial utility or shore power



Problems Solved with Hybrid Power Generation



Reduced emissions on generators by as much as 50%



Superior power quality and power delivery



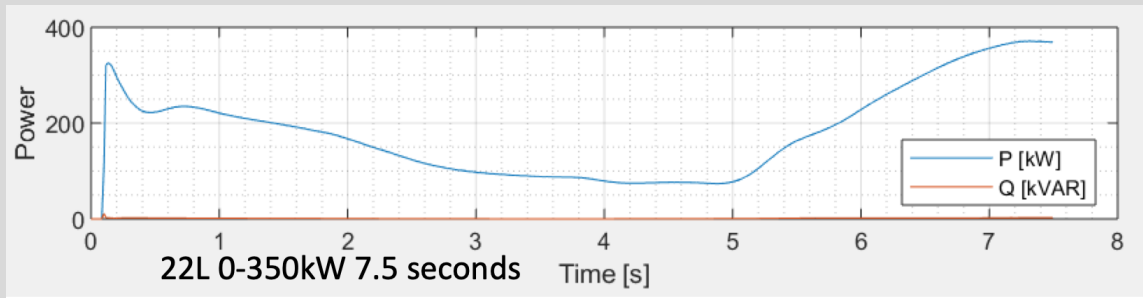
Improved efficiency



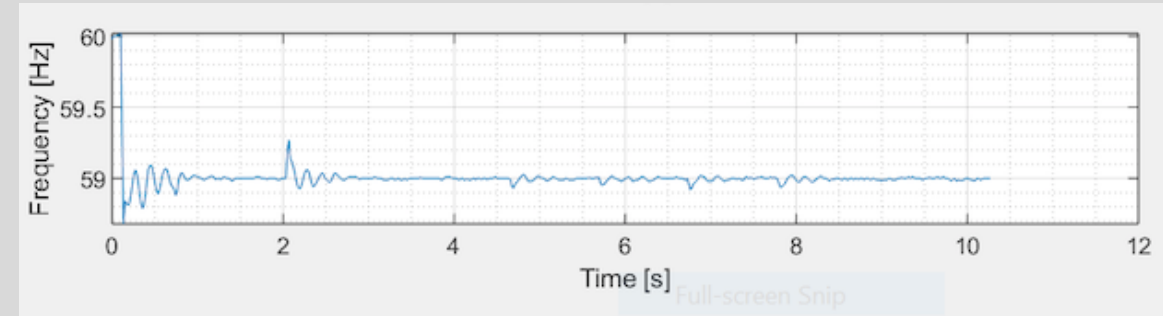
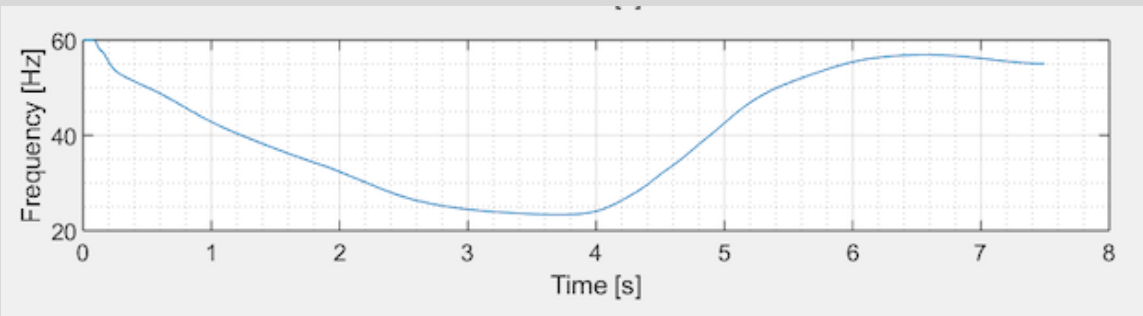
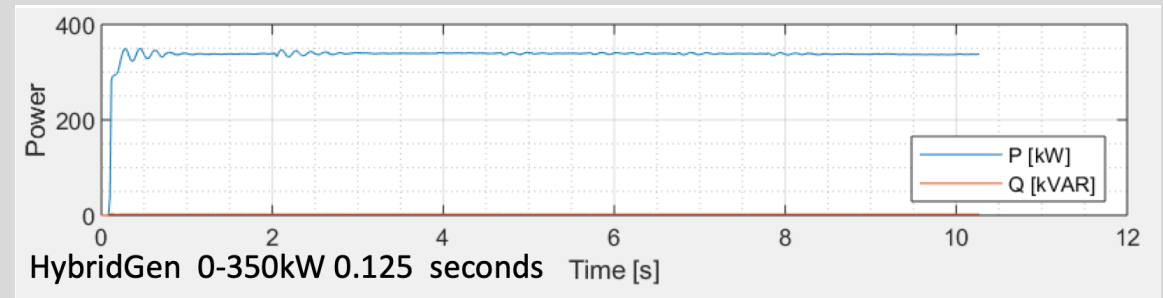
Enhanced resiliency

Block Load Step Performance Power Comparison

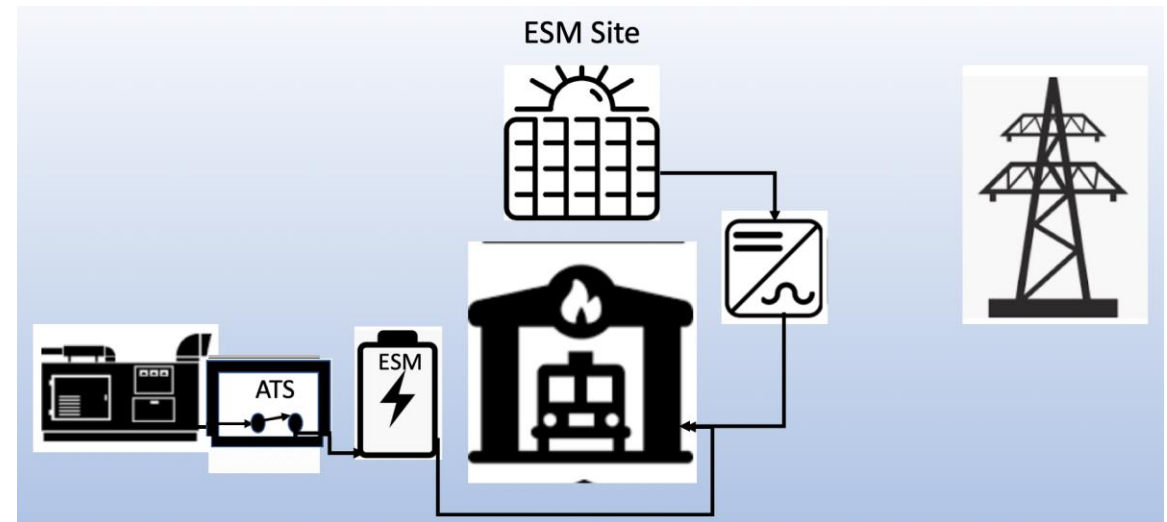
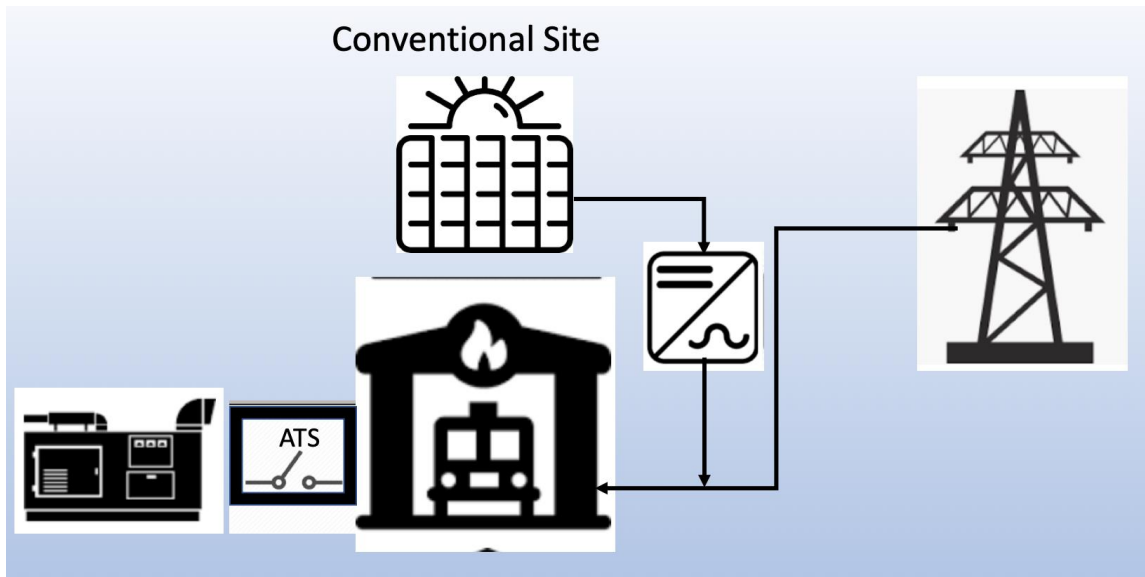
22L Conventional Gen



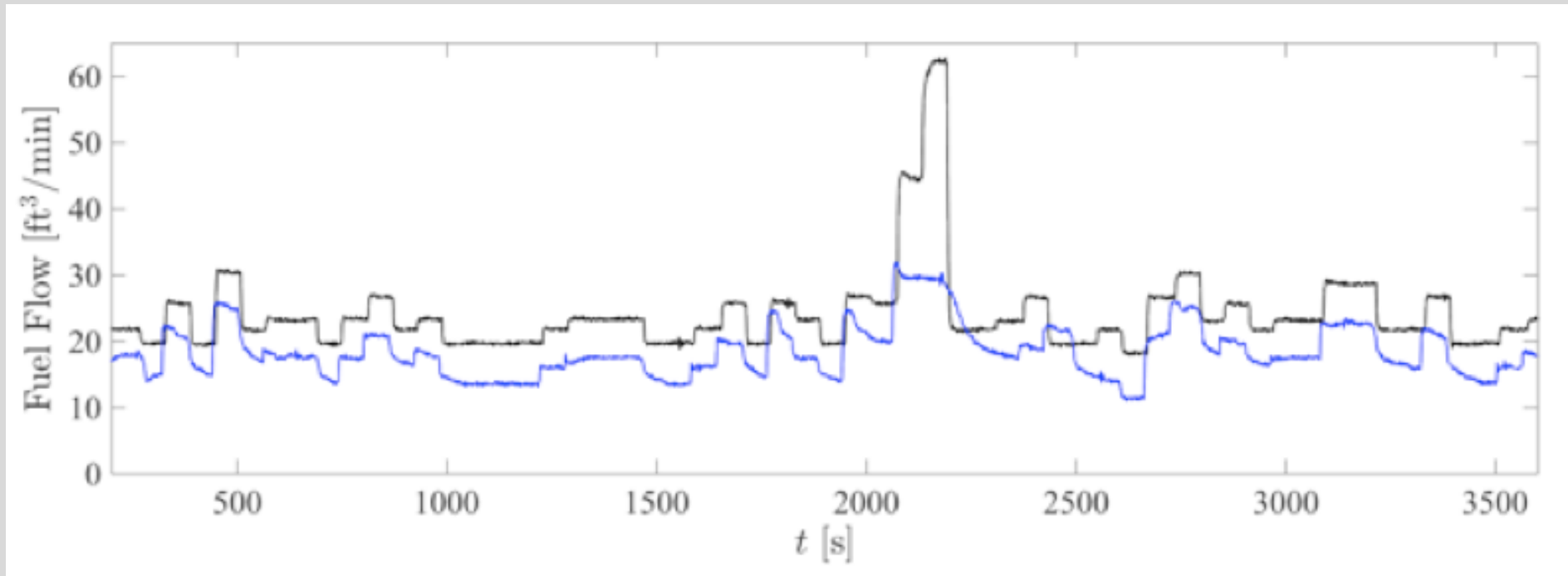
11L HybridGen



Hybrid Generators add Resiliency and Value



40% Improvement In Fuel Efficiency Over Random Loads



22L – Black line showing fuel flow of NG

11L HybridGen – Blue line showing fuel flow of NG



Reduced emissions
by as much as 50%



Superior power
quality and power
delivery



Improved efficiency



Enhanced resiliency



Hybrid Generator Solutions