Improving the NYC Ferry Boat Transportation System

Green Ferry Alternatives

• Superior energy and environmental performance
• Propulsion systems
  • Hull designs
  • Fuels

NYC Private Ferry Emissions Reduction Program

• Engine modifications, Alternate fuels, Exhaust cleanup, et. al.
• Substantial Leveraging of Federal $$$
• FHWA CMAQ funds; Federal Transit Administration funds
  • NYSERDA; NYCDOT; NYSDEC; FTA; PANY/NJ; U.S. EPA; NJDOT

Retrofitting the Current Fleet

($6.8 mil analysis, demo, deployment)

Strong Arm Docker

Advanced Concepts for Future Vessels

($90k feasibility study)

Advanced Docking Concept

($420k design & prototype)

• Allows throttling back engines when Loading/Unloading
  • Less energy use
  • Fewer emissions