SARTA Key Facts

• Transport 2.8 million passengers in 2019
• 212 employees
• $23 million budget
• Operates express routes to Akron and Cleveland (the longest route in Ohio)
• 30 routes and countywide paratransit
National Fuel Cell Bus Program

• Part of a $90 million Federal Transit Administration program
• Goal is to demonstrate fuel cell buses
• Set goals for performance and demonstration of vehicles
• Deployed vehicles IN NY, CA, MA, and SC
• 2 fuel cell buses will be in Canton
• Total federal funding is $5.54 million
Bus at the Statehouse
System Layout

- Hydrogen Tanks
- Fuel Cell Supply Unit
- Fuel Cells
- Air Condition
- Transmission
- Electric Motor
- Auxiliary Components
Hydrogen compressors
Compressor Pad
Station Controls
Operations

• Range 220 miles
• Operate every day
• 15 minute fill
• Getting about 7 mpg compared to 4 for diesel
• Program evaluated by NREL