Air Pollution Emission Reduction Actions

Stephanie Meyn
Climate Program Manager
Air Pollution Reduction Actions

- Airport emission reduction programs primarily target combustion of fossil fuels
- Tied to both global greenhouse gas (carbon) and local air pollution
- Specifically:
  - Diesel vehicles and generators
  - Aircraft engines and APUs
  - Roadway traffic
Ground-Transportation Emission Projects

- Electric vehicle activity incentives for Uber/Lyft, plus charging infrastructure
- Exploring incentive programs for “green modes” (e.g. get transit ticket bundled with airline ticket)
- Electrification of rental car vehicle fleets & Port-owned fleets
Building-related Emission Projects

- Examining options to decarbonize central plant heating, which include switch to electricity
- New capital projects require exploration of zero carbon backup power options
- Port examining hydrogen and battery energy storage for backup power
Airfield Emission Reduction Projects

Aircraft APU run-time limits with supporting infrastructure

Airport-wide charging equipment now available; eGSE (electric ground support equipment) airline investments ongoing