

# Fuel System Replacement CPAD Ad-Hoc Committee

Status

CPAD Board Meeting

March 28, 2022

# FSR Ad-Hoc Committee

- Objective
  - Develop recommendation(s) for the Infrastructure and Finance Committee to:
    - When the current underground tank should be replaced
    - Develop high level plan to replace the current, underground tank and system with an above ground tank and system that represents the best value for CPAD.
  - Recommend:
    - Equipment(s) and hardware(s)
      - New and/or used
      - Vendors/suppliers
    - Location(s) on airport
    - Plans for: Existing tank removal, engineering, permits and work
    - Schedule
    - Costs and Financing
    - Procurement plan
    - Project implantation and management
- Recommendation(s) to be based on
  - Comparison and ranking of candidate solutions against requirements and desired attributes.  
(Trade Study)

# FSR AHC

- Members
  - Phil Albee, Terry Bohlen, Jim Bray, Mike Brewer, Dominic Coutches, Knud Kirkegaard, and Greg Wright
- Meetings
  - February 24 and March 17. Next meeting after visual inspection report,
- Accomplishments
  - Used Tank Information from Hunt Brothers and on-going evaluation
  - Quote for new tank system from Mascott Equipment
  - Briefing by Bryan Holladay, EnergyLink1
  - In reviewing risk, recommended going forward with visual tank interior inspection
  - Beginning to collecting financing options

# FSR Ad-Hoc Committee Organization

- Current Fuel System Risk Assessment
- Equipment *(Phil, and Dominic)*
  - Collect information and evaluate available new and used tanks/systems
  - Location options and consequences
  - Installation options
- Existing Tank Removal and Disposal *(Phil and Dominic )*
  - Options
  - Close out requirements and process
- Point of Sale System Replacement
- Financing *(Knud and Terry)*
  - Options
    - Grants, Loans
- Project Management *(Jim and Dominic)*
  - Risk assessments
  - Project plan and schedule
  - Trade study

# Current System Status

- Status
  - System currently operating without restrictions
  - Installed in 1988
    - About 35 years old, lifetime 30 years-TBC
  - No fuel leaks into ground and inter tank space
  - No water leaks into inter tank space and fuel tank
  - Pump about 4,000 gallons per month
  - Leaks in past three years in fiberglass tube above tanks access spaces
    - Repair costs:
    - Risk to operating permit and ability to get reasonable insurance
  - POS system requires expensive land-lines
    - Uses dial up modem
    - Magnetic strips phasing out in 2027
- Maintenance and Inspection Costs
  - Estimate, average \$10,000 per year
- Insurance
  - Was and may be difficult to obtain given age