

Fleet Equipment Replacement

BPA approaches fleet equipment replacements in a programmatic manner, generally utilizing a three-year business case authorization. The equipment replacements identified in these investments will increase efficiency, increase electrical crew and fleet capabilities, reduce risk and improve safety. Systematic equipment replacements help modernize the fleet and allow the agency meet its environmental goals. A more modern and fuel efficient fleet reduces fuel consumption and emissions.

The replacements reflect a strategy of maintaining equipment to safely meet its original design specifications and functional purpose. When continued maintenance and repair of equipment is no longer feasible, it is evaluated for replacement with consideration of its specific use and circumstances. Where similar equipment is used throughout the transmission system, bulk refurbishment and replacement programs are considered to achieve economies of scale. These replacements, guided by the fleet asset management strategy, also include a significant move towards standardization. Standardization improves the ability to maintain equipment with current personnel resources, increases operator familiarity with equipment across the system and reduces reliability and safety risks.