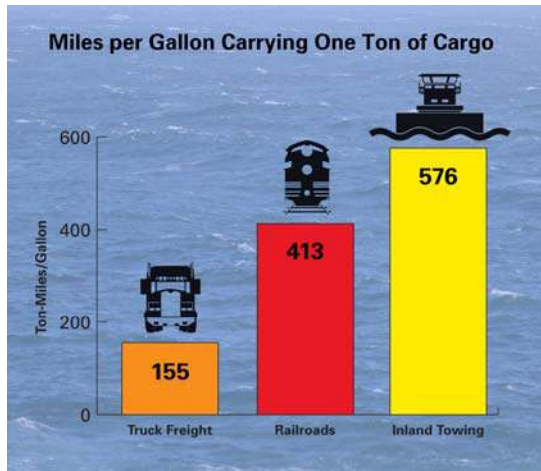


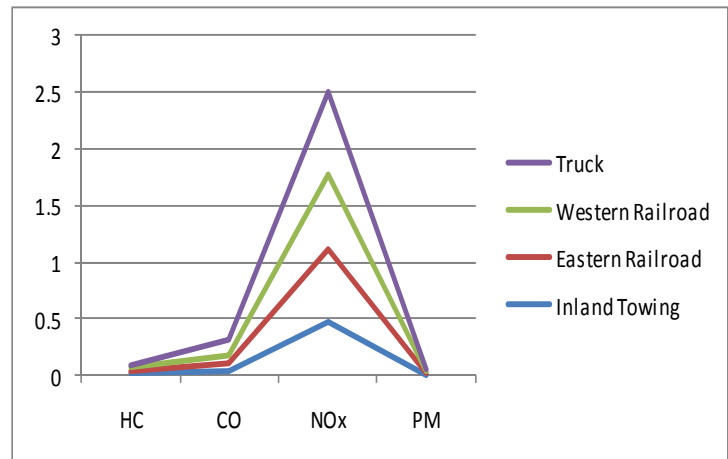
# Environmental benefits of Snake River dams: Navigation and hydropower are clean, efficient, economical

**Navigation.** Barging is the lowest cost, most fuel efficient and least polluting transportation mode. Each year, barging keeps 700,000 trucks off the highways through the sensitive airshed of the Columbia River Gorge.

**Fuel Efficiency (ton-miles per gallon)**



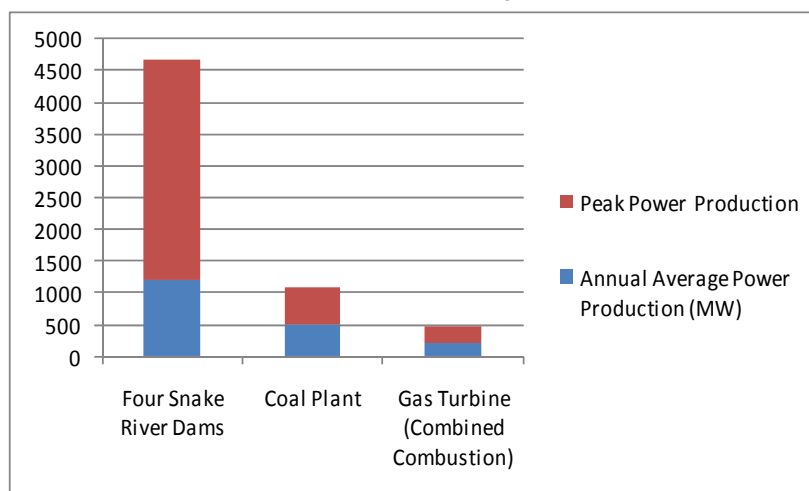
**Emissions (grams per ton mile)**



Source: Texas Transportation Institute, Texas A&M University, for the U.S. Maritime Administration (MARAD)

**Hydropower.** Hydropower is clean, carbon-free, renewable and reliable. Hydro supports wind and other renewables by providing the peaking power necessary to meet demand. After hydropower, 83% of the region's energy production is from fossil fuels: coal or natural gas.

**Power Production Comparison**



**It would take 3 coal-fired, or 6 gas-fired power plants to replace the average annual power produced by the four Snake River dams.**

**It would take 6 coal-fired, or 14 gas-fired power plants to provide the peaking capacity of the four Snake River dams.**

Data from Northwest Power Conservation Council & PNUCC (Pacific Northwest Utilities Conference Committee) \* Average Annual: The seventy-year average annual power production