

Alternative Energy Sources

- EMU – Anything that can produce electricity
 - Wind, hydro, fuel cells, solar
 - Typically implemented by local utility not RTD
 - Opportunities to recover braking energy
 - EMU becomes a generator during braking, powering other trains on the line
- DMU – Anything that a diesel engine can be converted to burn
 - Biodiesel
 - Made from agricultural products
 - Eco-friendly if spilled
 - Typically mixed with petro diesel
 - Natural Gas
 - Burns cleaner than petro diesel
 - Lower power output and difficult to store
 - Hydrogen
 - Burns extremely clean
 - No CO² released

