

Examples of Modern Locomotive Power Options*



General Electric Evolution® Hybrid Heavy Haul Freight Locomotive

- 4400 HP; 17% reduction in fuel consumption; 70% reduction in emissions compared to conventional locomotives



EMD (Caterpillar) SD70ACS Conventional Diesel-Electric Heavy Haul Freight Locomotive

- 4500 HP; designed for desert environments with pulse filtration and movable sand plows



Bombardier TRAXX Electric AC, Electric DC, or Diesel-Electric Freight or Passenger Medium Duty Locomotive

- 140 km/h, 160 km/h or 200 km/h



National Railway Equipment Low-Emission Diesel-Electric Switchers and Road Switchers

- 700 HP to 3,600 HP



Bombardier ZEFIRO Very-High Speed (Bullet train) Passenger System

- 250 to 380 km/h

*These are examples from North American builders.
Additional examples are available from European builders.