

Different Features of EMU/DMU

Criterion	Electric Commuter Rail (EMU)	Diesel Commuter Rail (DMU)
Manufacturers	Numerous	One
Passenger Capacity (per car)	<ul style="list-style-type: none"> • Seated: 88-110 • Standees: 225-265 	<ul style="list-style-type: none"> • Seated: 74 • Standees: 235
Acceleration	Quicker (2.2 mphps)	Slower (1.6 mphps)
Cost	Up front higher/Lower operating	Up front lower/Higher operating
Vehicle Cost (per car)	~\$3.2 Million	~\$3.7 Million
Electrification Cost *	\$42 Million *	\$0 *
Noise & Vibration	<ul style="list-style-type: none"> • Same (w/ horn) • Quieter (w/out horn) • Same at maximum speed 	<ul style="list-style-type: none"> • Same (with horn) • Noisier (w/out horn) • Same at maximum speed
Local Air Quality	<ul style="list-style-type: none"> • Similar corridor wide • Better near stations 	<ul style="list-style-type: none"> • Similar corridor wide • Worse near stations

* Original Gold Line budget included \$25M for Light Rail electrification costs