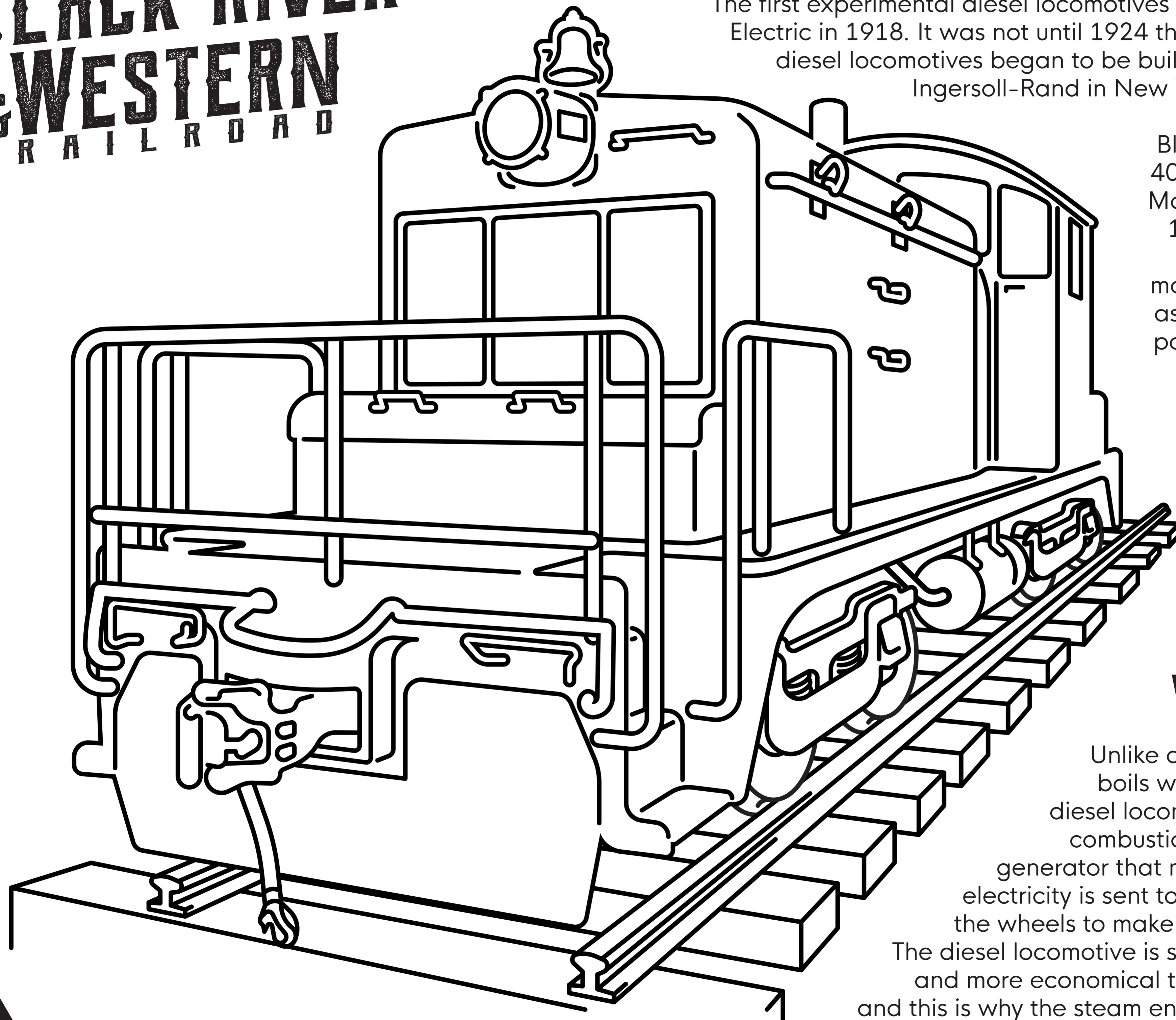


DIESEL LOCOMOTIVE

The first experimental diesel locomotives were built by General Electric in 1918. It was not until 1924 that the first production diesel locomotives began to be built—in partnership with Ingersoll-Rand in New York and New Jersey.

Black River & Western's 400 was built by Electro Motive Division (EMD) in 1939. It produced 600 horse power. Today's modern diesels produce as much as 6,000 horse power—ten times more.



HOW IT WORKS

Unlike a steam engine, which boils water to propel itself, a diesel locomotive has an internal combustion engine that spins a generator that makes electricity. That electricity is sent to motors, which power the wheels to make the locomotive move. The diesel locomotive is simpler, more efficient, and more economical than the steam engine and this is why the steam engine was phased out.