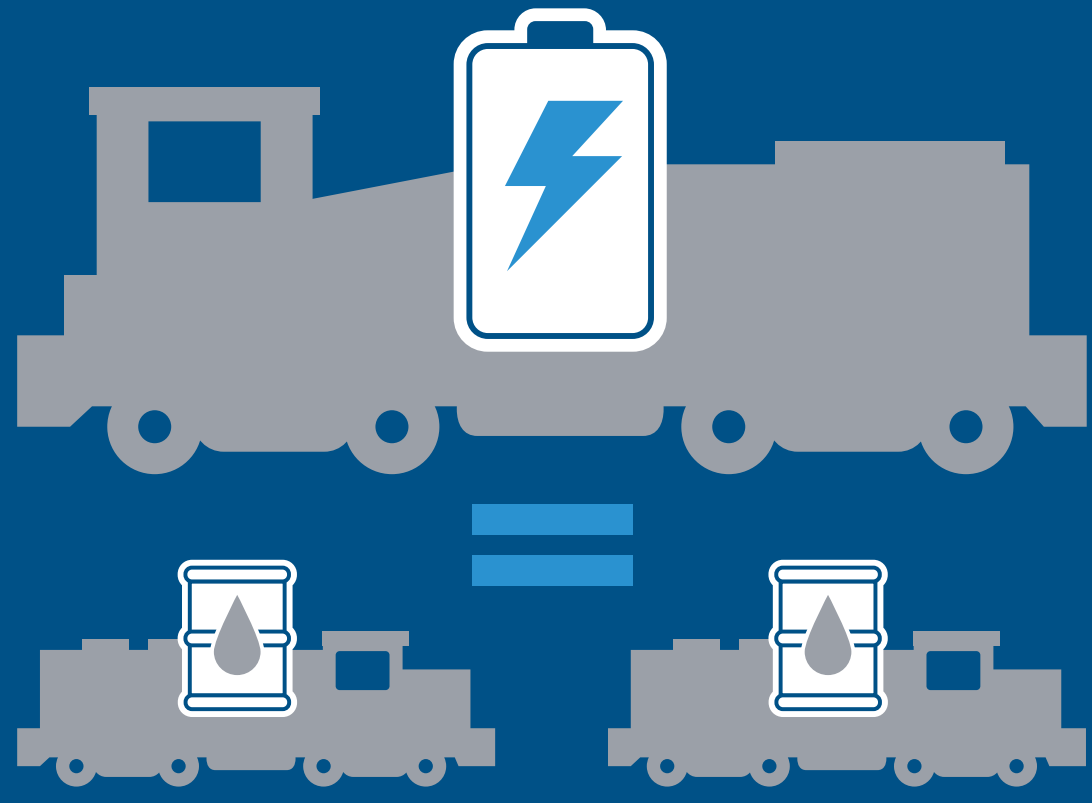




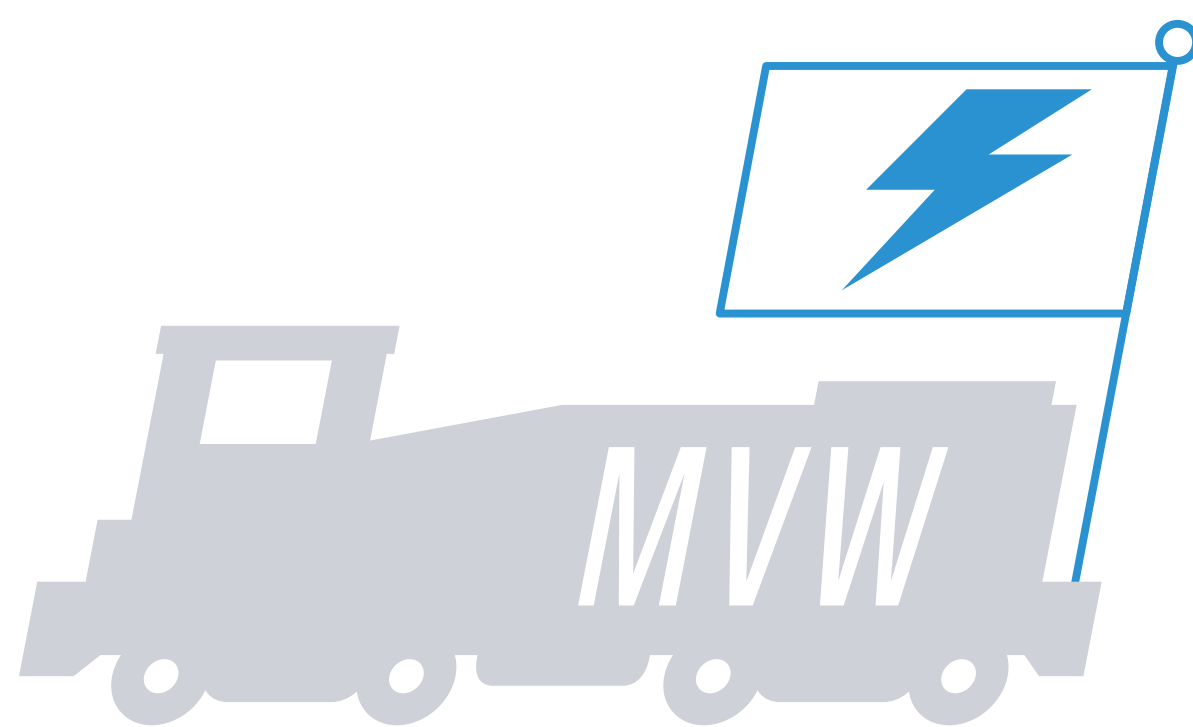
DOING WHAT'S BEST FOR PEOPLE AND PLANET



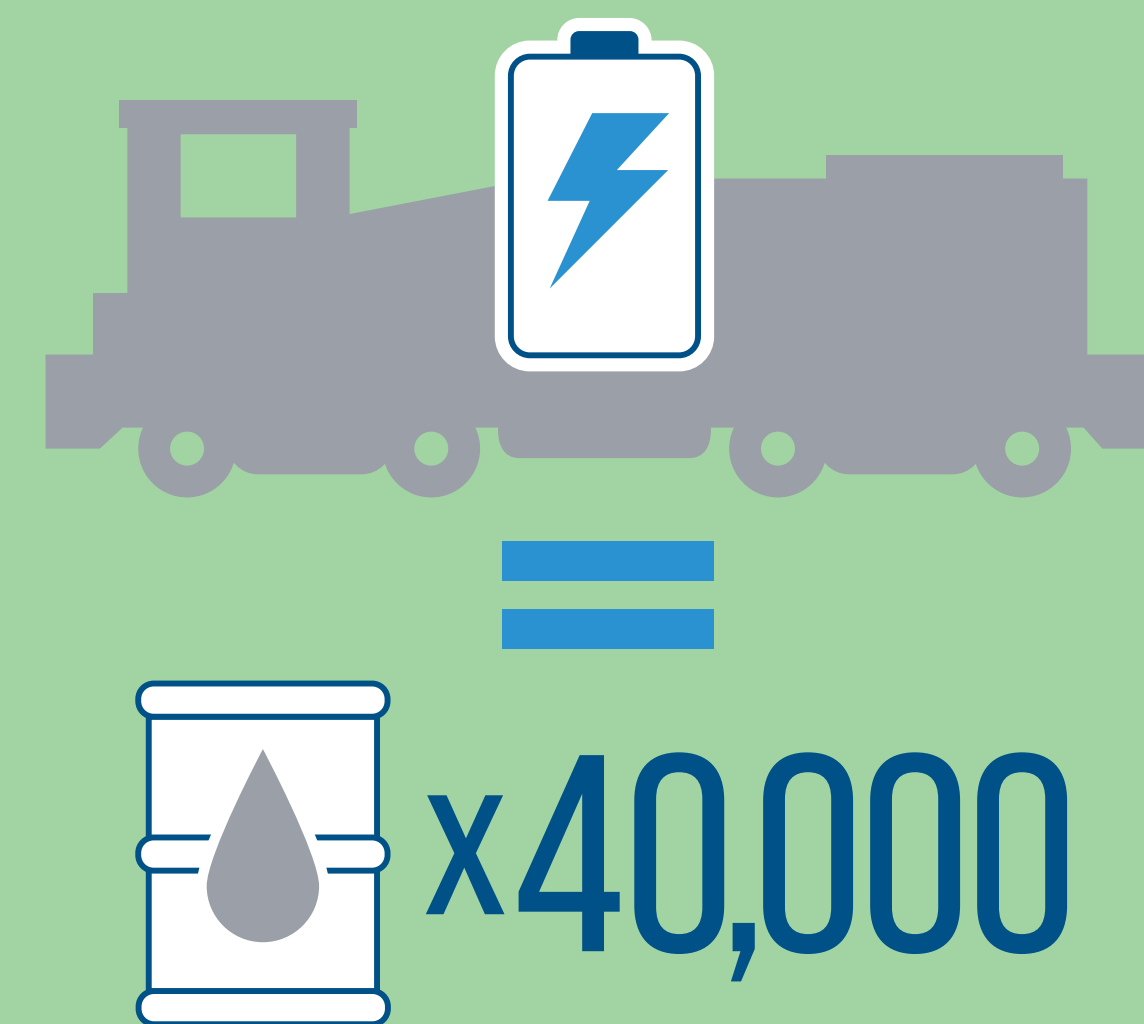
U. S. Steel converted two of its diesel locomotives to battery power. One of the locomotives will be used at the Mon Valley Works - Clairton Plant, the other at the Edgar Thomson Plant.



Innovative Rail Technologies developed the lithium-ion battery electric propulsion system that allows the locomotives to operate with zero small particulate matter emissions.



U. S. Steel is a pioneer in the adoption of battery-powered locomotives. Mon Valley Works is the first industrial site to deploy this technology on its locomotive fleet.

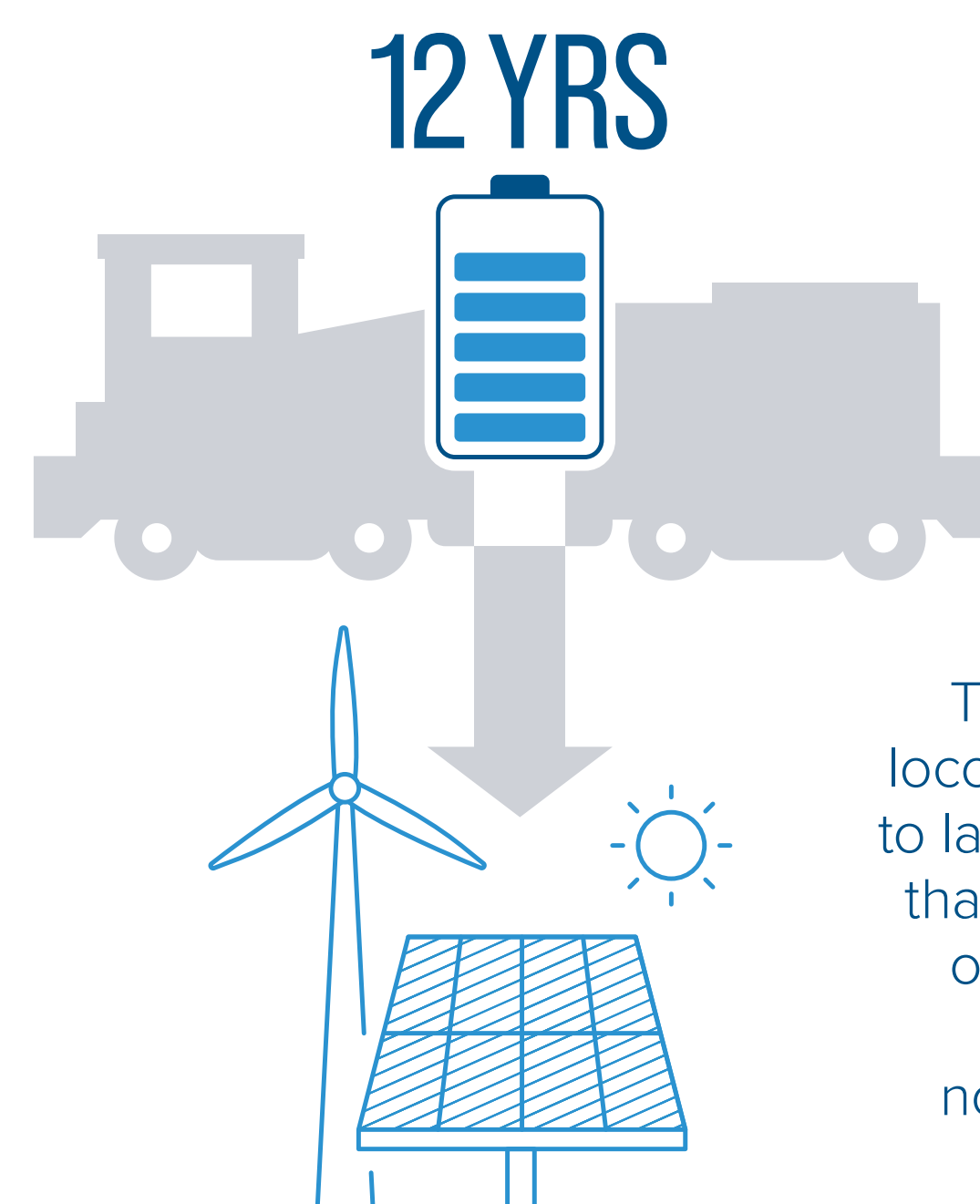


Switching to battery-powered locomotives will save nearly 40,000 gallons of diesel fuel annually.

Based on average fuel consumption at U. S. Steel Clairton and Edgar Thomson facilities from 2018-2023.



The locomotives remove the equivalent PM 2.5 emissions of 7,000 passenger vehicles from the air.



The batteries within the locomotives are expected to last up to 12 years. After that, they still have plenty of life left! The batteries may still be used for non-motive applications like solar/wind energy collection and electrical grid support.

FUTURE ON TRACK

