

## SUCCESS STORIES - FLORIDA'S EAST COAST RAILWAY LOCOMOTIVE 800



LNG-fueled Florida's East Coast Railway locomotive 800, an ES44C4 from GE Transportation with LNG tender, crossed the San Sebastian River at St. Augustine, northbound, on June 8. Michael Maiullari photo via [Trains](#).



The Florida East Coast Railway's 24 LNG-ready ES44C4 locomotives from GE Transportation were delivered in December 2014.



## SUCCESS STORIES - CN 3,000 HP LOCOMOTIVE



CN retrofitted the diesel engines in two 3,000-horsepower Electro-Motive Diesel SD40-2 locomotives to run on LNG using conversion kits supplied by Energy Conversions Inc. (ECI) of Tacoma, Wash. ECI says the hybrid fuel locomotive will reduce carbon dioxide emissions by 30% and Nitrogen oxide emissions by 70% over one locomotive duty cycle. The retrofitted locomotives, using 90% natural gas, with 10% diesel fuel for ignition, are paired with an LNG fuel tender - a specially equipped and protected tank car - between them. The tender, a former Union Pacific tank car, was upgraded by a unit of Chart Industries, Inc.

