

## Empire Hydrogen installations at Sobeys

**March 30, 2023: Sidney, BC:** Empire Hydrogen is pleased to announce the installation of Fuel Enhancement Systems on Sobeys trucks in Sidney and Surrey, BC. The Sidney trucks make daily runs the length of Vancouver Island while the Surrey based trucks travel across the Rocky Mountains to their Calgary warehouse. Sobeys will be testing the effectiveness of the systems for reductions in both fuel consumption and harmful emissions.

Sobeys has committed to decarbonize by 2050 through concerted action in all areas of their operations including food production, food transport and food waste. Empire Hydrogen is proud to play a role in this ambitious undertaking.

The Empire Hydrogen Fuel Enhancement System uses electrolysis to split distilled water into hydrogen and oxygen  $H_2, O_2$  gases that flow through the air intake into the cylinders of any large diesel engine. Hydrogen burns ten times as fast as diesel, resulting in reductions of 10%-25% in fuel consumption, 28% in  $CO_2$  greenhouse gases, 47% in smog causing  $NO_x$  and 2/3 in diesel particulates. Complete information can be found in the *How Does It Work* video on our website at [EmpireHydrogen.com](http://EmpireHydrogen.com)

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