

Exelon will partner with Argonne National Laboratory, Idaho National Laboratory, the National Renewable Energy Laboratory, and Nel Hydrogen, a subsidiary of Norway-based Nel ASA.

According to the announcement, the project will generate an economical supply of hydrogen, a natural by-product of nuclear energy, to be safely captured, stored, and potentially taken to market as a 100 percent carbon-free source of power for purposes other than supplying electricity to the grid, including industrial applications such as transportation. Funding for the project is provided by the DOE's Hydrogen and Fuel Cell Technologies Office, through the H2@Scale Program.

A proton exchange membrane (PEM) electrolyzer from Nel Hydrogen is scheduled for installation at Nine Mile Point in 2022. Operations are expected to begin in 2022 as well. Earlier in August, the company announced that it had



Nine Mile Point nuclear plant. (Photo: Constellation Energy)

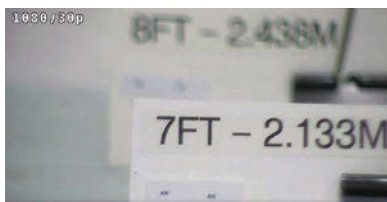
been awarded an approximately \$2.6 million contract for a 1.25-MW MC250 containerized PEM electrolyzer to be installed at an unspecified U.S. nuclear plant. "This project represents an important first step toward developing a regional supply of zero-carbon hydrogen while supporting clean baseload electricity resources on the grid," said Stephen Szymanski, vice president of sales and marketing at Nel Hydrogen. ☒

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