

GATEWAY PROJECT HAZARDOUS MATERIALS BUSINESS PLAN

Facility Address: 6840 Crosby Rd.
Alabama, NY 14013

Facility Owner: Plug Power, Inc.
968 Albany Shaker Rd.
Latham, NY 12110

Business Activity at Facility: Production of renewable hydrogen through the electrolysis of water.

Hazardous Materials Inventory

In general, no hazardous materials are used in the production process. However small quantities of lubricating and cooling oil are present in pumps, compressors and transformers, and coolants such as glycol water mixtures are present in equipment cooling loops.

Material	Location
Coolant Oil	Compressors in Liquefaction Trains
Coolant Oil	Transformers in facility substation
Coolant Oil	Transformers on south side of hydrogen production building
Glycol + Water	Chillers on north side of hydrogen production building Chillers on south side of hydrogen production building

Hazardous Materials Mitigation

The facility follows all standard industry practices with respect to safe storage and use of these materials including secondary containment where required and shall be consistent with the 2012 Final Generic Environmental Impact Statement Findings Statement.

This includes for any oil filled transformers onsite Spill Prevention, Control and Countermeasures (SPCC) compliant secondary containment as stated in CFR 40 112.7.

Oil cooled compressors and associated oil separation units will be installed with secondary containment trays underneath.

Facility Map

The map below shows the general potential storage locations of the materials listed above.

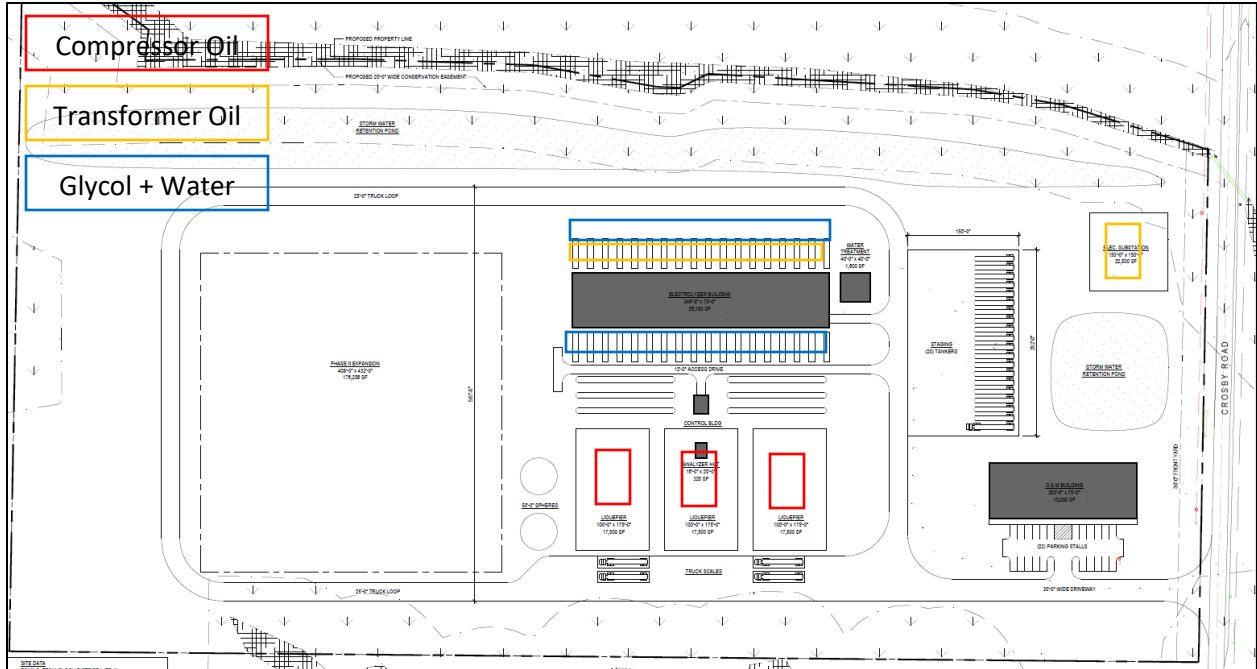


Figure 1 Facility Map

Emergency Response Plan

The hazardous materials emergency response plan is included as a section of the overall facility emergency response plan.