Gas Systems Corporation-McKinney, TX successfully completed construction and witness testing of a large nitrogen membrane generator system for WorleyParsons/ExxonMobil's Hebron Topsides Project.

Hebron is a large oil field located in the Atlantic Ocean, 350 kilometers southeast of St. John's, the capital city of Newfoundland and Labrador. This sub-Arctic field was first discovered in 1980 and is now estimated to produce more than 700 million barrels of recoverable petroleum.

The Hebron field will be developed as a concrete gravity based structure (GBS) designed to withstand sea ice, icebergs and meteorological and oceanographic conditions. The GBS structure will store 1.2 million barrels of crude oil and support an integrated Topsides deck that includes living quarter module and facilities to perform drilling and production.

Gas Systems' skid-mounted Nitrogen Generation System will be located on the Topsides deck to supply the facility's nitrogen and instrument air requirements. The nitrogen generator package has several unique and innovative design features that set it apart from competitive on-site nitrogen generation systems. The $14 billion Hebron investment is co-owned by: ExxonMobil Canada Properties (36%), Chevron Canada Limited (26.7%), Suncor Energy Inc. (22.7%), Statoil Canada (9.7%) and Nalcor Energy (4.9%). ExxonMobil affiliate, ExxonMobil Canada Properties is the operator of the Hebron Project.