

Quick Facts

LOCATION: St. Thomas, Ontario, Canada

INDUSTRY: Industrial/Automotive

EQUIPMENT: avus 800

GAS TYPE: Natural Gas



The industrial conglomerate Formet Industries; a wholly owned Magna subsidiary, is a leading global automotive supplier, with a focus on delivering superior value through innovative processes and world class manufacturing. Magna Formet along with CEM Engineering, selected 2G Energy, Inc. and our fully containerized 2G avus 800c natural gas CHP project.

EQUIPMENT DETAILS



MODULE: avus 800

TOTAL ELECTRICAL POWER: 800 kW

CONFIGURATION: Container module

The natural gas fueled CHP system provides clean electricity and thermal energy to Formet Industries with more than 90% combined efficiencies. The CHP is utilizing waste heat as part of their hydro-forming truck frame assembly process in St. Thomas, Ontario, Canada. The implementation of the 2G Energy, Inc. CHP system has allowed Magna Formet to turn-off their previous inefficient heating systems for this process. The 2G CHP system was selected by MAGNA for its outstanding quality and unique design features, including a high efficiency natural gas engine and superior heat recovery technology. 2G Energy, Inc supplied a design-built, factory packaged, and fully tested CHP module. The system was delivered with a fully integrated heat recovery system and a unique sound attenuated enclosure module; to meet their specific auditory health and safety requirements. Additional features such as custom paint were utilized to allow the delivered system to blend into the current architecture of the existing building.