



In Ontario power generation sources include nuclear, hydroelectric, wind, solar, natural gas and biomass. OPG, a crown corporation is responsible for approximately 50% of the electricity generation in the province of Ontario. The balance is produced by independent local generators and other out of province supplier.

The electricity grid is made up of Hydro One transmission lines crossing the province delivering electricity from generators to cities and communities.

Many of our hydroelectric facilities in Ontario are facing the reality of aging assets. Substantial investment are being made to upgrade many of these facilities to ensure that yesterdays hydroelectric facilities can meet future demands reliably. New technologies adapted bring many benefits and opportunities to improve system efficiency and reliability.

Chess Controls has the experience and quality products to deliver the best solution on time and on budget to assist power generators. We represent a strong group of trusted manufacturers of quality products dedicated to continuous product improvement, increased reliability. Our partners additionally bring to Chess and local power generators expertise gained through years of experience from around the world.

HV EQUIPMENT

Transformer
 On-Line DGA For Oil Filled Transformer
 Protection and Control Relays
 Intelligent Line Monitor
 IEC Process Bus
 H.V. Gas insulated Substation
 H.V. Disconnect Switch
 H.V. Dead tank Circuit Breaker
 H.V. Live Tank Circuit Breaker
 H.V. Current Transformer
 H.V. Potential Transformer
 H.V. LT Circuit Breaker
 H.V. Generator Circuit Breaker
 H.V. Hybrid Compact Switchgear
 H.V. Capacitors
 Air Core Reactors
 Surge Arresters
 125 VDC Charger and Batteries
 E-House
 Test Equipment

MV EQUIPMENT

Transformer
 On-Line DGA For Oil Filled Transformer
 Protection and Control Relays
 Intelligent Line Monitor
 IEC Process Bus
 M.V. Current Transformer
 M.V. Potential Transformer
 M.V. Capacitors
 Surge Arrestors
 M.V. Switch / Circuit Breaker
 M.V. Switchgear
 M.V. GIS Switchgear
 Recloser
 Recloser Controller
 Substation Automation
 RTU
 125 VDC Charger and Batteries
 E-House
 Test Equipment



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