

# Bombardier de Havilland Manufacturing Plant

## Operation and Maintenance



Client: Bombardier Aerospace  
Location: Downsview, ON  
Building Type: Industrial & Manufacturing  
Contract date: 2013  
Surface Area: more than 2 million ft<sup>2</sup>

The Bombardier Aerospace plant is located in the Toronto suburb of Downsview. The plant's 4,000+ workers perform final assembly and fabrication of structural components for the Learjet 45 and Global business jet families as well as the Q Series turboprops.

### Challenges and Achievements

Bombardier's facilities were built in 1982 and require maintenance and control to ensure the comfort of the employees who support activities related to aircraft fabrication and assembly. In addition to the industrial facilities, the contract includes management of all the aircraft hangars.

### Systems

- Digital and pneumatic control and automation system
- Ventilation system
- Heating system
- Air conditioning system

### Mandate

ENGIE MultiTech's mandate includes operation and maintenance of the facility's HVAC systems, as well as the automation system (Metasys) and pneumatic controls for the entire facility. To meet its commitments, ENGIE MultiTech has assigned a full-time HVAC technician to the site, who is assisted by ENGIE's mobile service team to provide additional HVAC preventive maintenance tasks and 24/7 emergency service. ENGIE MultiTech will also submit an energy performance program for the HVAC equipment.

- Contract Term: 3 years (with 2-year renewal option)
- One ENGIE employee permanently assigned to site
- 24/7 troubleshooting and occupant services
- Routine and preventive maintenance work
- Energy efficiency program
- Monitor HVAC equipment performance against targets
- Maintain site operational capacity and avoid any disruptions of plant operations
- Maintain employee comfort