



ENERGY SERVICES  
ASSOCIATION  
OF CANADA

PROMOTING  
PERFORMANCE  
BASED SOLUTIONS

# case study

## CFB Gagetown

CFB Gagetown partners with Direct Energy to find sizable savings.

*Performance-based solutions become the **premier choice** for energy and infrastructure renewal initiatives, resulting in fiscally and environmentally responsible outcomes.*



### Project Description

Located in New Brunswick, Canadian Forces Base (CFB) Gagetown is one of the largest military bases in Canada, encompassing over 1100 square kilometres and more than 450 buildings. Due to its sheer size, there was a large opportunity to reduce annual utility expenditures through a partnership with Direct Energy to undertake one of the largest Energy Performance Contracts (EPC) by the Canadian government.

### Opportunity

The contract includes a retrofit of over 170 buildings and more than 500 energy conservation initiatives. Examples include a SolarWall for solar air heating, lighting upgrades, a metering system connected to the Ethernet network, and the installation of high-efficiency boilers.

### Results

Direct Energy procured financing, the supply and installation of the new equipment, and guaranteed the savings. The project has saved \$4.5 million to date – savings that CFB Gagetown will continue to benefit from for years to come. Additionally, CO2 emissions were reduced by 33,418 tonnes – the equivalent of 17,049 trees planted and 6,785 cars off the road.

*A more detailed analysis of this project is available at:*

<http://debusiness.directenergy.com/EN/Business-Services/Pages/Business-Services.aspx>

