

Lux at Tux

ABOUT THIS PROJECT

- Six-storey luxury apartment complex with 133 residential suites and a parking garage, including amenities such as a party room, rooftop patio, outdoor courtyard, and an on-site fitness facility.
- Provided Manitoba Hydro Power Smart incentive facilitation.
- Evaluated the energy performance of the facility relative to the Manitoba Energy Code for Buildings (MECB).
- Energy model determined MECB compliance, a 10.7 per cent energy reduction, and Power Smart Incentive amount compared to the reference model.
- Energy conservation measures included fiberglass windows, increased thermal performance of the roof constructions, high performance double-glazed windows, increased heat recovery, and efficient lighting design.
- Building commissioning formalized the review and integration of all project expectations through functional performance testing.
- Verified operator training and systems manuals and assessed documentation to establish that all the building's systems meet the criteria and objectives set forth in the owner's project requirements.
- Benefits of the systematic commissioning process included improved coordination between design, construction, and occupancy; proper and efficient equipment operations; enhanced indoor air quality, occupant comfort and productivity; reduced operation and maintenance costs; and the longer lifespan of equipment.

HOT BUTTONS

RESIDENTIAL

MECB

SUSTAINABLE DESIGN

ENERGY MODELLING

COMMISSIONING

POWER SMART

LOCATION

Winnipeg, MB

FOOTPRINT SERVICES

Energy Modelling,
Commissioning

SIZE

200,000 sq. ft. (18,580 sq. m.)

BUDGET

Confidential

COMPLETION YEAR

2019

COMMISSIONING

Manitoba Hydro New
Buildings Program 2.0
Performance Path



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