The FAES Energy Centre at TELUS Garden
FortisBC Alternative Energy Services

- Affiliate of FortisBC Energy Inc., a subsidiary of Fortis Inc.

- Deliver ~60,000 MWh thermal energy annually

- Largest utility provider of onsite thermal energy in BC

- 27 operating projects
- 45 sites across BC
- Service to 7 million ft²
- 24/7 emergency service
Example Projects

- Marine Gateway
- Sovereign
- Modello
- TELUS Garden
- Empire
TELUS Garden Thermal Energy System

- Development >900,000 ft²
- Centralized TES
- Thermal energy 14,500 MWh/yr
- Carbon intensity 5 kgCO2e/m²/yr
TELUS Garden Waste Heat Recovery

**NEW OFFICE TOWER**
Fan Coil and In-Slab Radiant
Space heating and pre-heating of domestic hot water

**NEW RESIDENTIAL TOWER**
Fan Coil
Space heating and pre-heating of domestic hot water

**EXISTING TELUS FACILITY**
Data Centre/Telephone Switch Heat generation
Heat rejection from Cooling Plant as primary heat

FORTIS BC
Alternative Energy Services
Thank you

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