Typical Sample Projects TES Capable of Building

UBC Empire Aquatic Pool Steam Heat Recovery System 2012
UBC – Empire Aquatic Pool Stainless Steel process piping to run pool water through new SS plate & frame Heat Exchangers

TELUS Regent C.O 2017

All welded chill water piping system
At TES, we embrace challenge and did a very special live tapping onto 100 MM natural gas main at Simon Fraser University in Burnaby to replace a corroded section of the gas main at the same time install 3 new line size isolation valve and install a seismic earthquake valve serving the main power house.
The main features of this project is the successful replacement of all 4 aging cooling towers and condenser water piping between the months of January to March. The challenge is to ensure that none of the tenants of this prestigious 33 storey downtown office tower and 2 parkade levels of its food service tenants does not go without air conditioning services during the entire retro-fit period. With only 2 cooling towers can be offline at any given time and the remaining 2 cooling towers must be operational in order to keep 1 of the 2 chillers operational is the monumental task that the construction team has to ensure that pre fabrication, installation, shut down and tie-in are meticulously planned and transition are smooth as silk. Kudos to Chris Hill, Neal Kelvin and his team. The entire 4 stage switch over operation was a success and the project was completed and turn over to Ledcor & Brookfield Management on schedule.
Royal Centre New Cooling Towers

New Split Coupled Pumps

Old Pumps to be Demolish

New 14" Condensate Piping
At Total energy systems Ltd. We take SAFE WORK PRACTICES very seriously

For Ourselves and Family
In all the projects featured in this brochures, We are proud to proclaim that we have zero accident to report and record with WSBC was excellent.

At TES, We Practice

OUR Credential with BC Safety Authority
Pacific Gateway Hotel – Heating & Domestic Water System Upgrade, 2015

Complete upgrade of heating boilers without interrupting the hot water supply requirements of the hotel.
Vancouver Community College  New Cooling Towers on Broadway campus 2013

Galvanized Steel Frame & Seismic Spring Isolator Installation
Fluxdrive is a Trade name for this unique technology whereby magnetic fields are harnessed to provide variable speed for the motor to provide variable flow.
This project features the installation of a back up steam boiler for the North America’s first commercial demonstration of a transformative application that combines Nexterra’s gasification and syngas conditioning technologies with GE’s high efficiency Jenbacher internal combustion engines.
**UBC** - Compressed Natural Gas Fill Station project, provide CNG for the UBC fleet of Vehicles. 2014

**BCIT** - Mathessi Place Chiller Replacement 2012

180T Multistack Turbo Core Chiller, first in BC Engineered by Richard Corra of Rocky Point
This energy efficient heritage Building with 4 levels of classrooms, Lab and meeting Rooms. System designed by Tarig Amlani, P. Eng. of Stantec.

Within the enclosed roof houses 4 units of 120 Tons each Heat Recovery Daikin VRF System connected to 47 fancoil unit.

Building tempered fresh air was supplied By 15,000 CFM Eng Air DJX.
Consolidation of 15 individual Exhaust Fans into 4 duplex fan system and with taller vent stack for safer unrestricted roof access.

The window of opportunity to complete this project was very small as all 19 fumehoods had to be in operation and certified before the summer break is over.