

Submitted by Chair Stintz:

#### Cogeneration: Possible TTC Opportunities

Cogeneration is the process of using a single fuel source to generate both electricity and thermal heat from the combustion of a single fuel source; the waste heat generated by creating electricity is used to heat nearby buildings. Cogeneration is a very efficient way to generate both heat and electricity. Downtown Toronto already has an extensive steam heat system that heats many major downtown buildings.

The TTC has an existing stack near its head office at Yonge and Davisville that could be part of a cogeneration system serving the heating needs of nearby apartment and office buildings and the electricity needs of the TTC.

There may be opportunities for the TTC to generate additional revenue by leveraging this asset with a private sector cogeneration partner and staff are asked to prepare a report on such opportunities.