## Newmarket-Tay Power Distribution Ltd.

Conditions of Service

Electrical Disturbances

Number: NT POWER COS-230-03

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## 1. Preamble

Newmarket-Tay Power Distribution Ltd. (NT POWER), and the *Consumers* on their *distribution system*, should expect electrical disturbances from time-to-time. Guidelines that should be adhered to are outlined in this section.

## 2. Force Majeure

NT POWER shall not be held liable for the failure to maintain *supply voltages* within standard levels due to Force Majeure as defined below.

NT POWER shall practice reasonable diligence in maintaining *supply voltage* levels, but is not responsible for variations in voltage from external forces such as operating contingencies, exceptionally high loads and low voltage supply from the *transmitter* or *host distributor*. NT POWER shall not be liable for any delay or failure in the performance of any of its obligations under this *Conditions of Service* due to any events or causes beyond the reasonable control of NT POWER, including, without limitation, severe weather, flood, fire, lightning, other forces of nature, acts of animals, equipment failure, third party damage to NT POWER's *distribution system*, epidemic, quarantine restriction, war, sabotage, act of a public enemy, earthquake, insurrection, riot, civil disturbance, strike, restraint by court order or public authority, or action or non-action by or inability to obtain authorization or approval from any governmental or regulatory authority, or any combination of these causes.

## 3. Consumer Responsibilities

Voltage fluctuations and other disturbances can cause flickering of lights and other serious difficulties for *Consumers connected* to NT POWER's *distribution system*. *Consumers* must ensure that their equipment does not cause any disturbances such as harmonics and spikes that might interfere with the operation of adjacent *Consumer* equipment. Equipment that may cause disturbances includes large motors, welders and variable speed drives, etc. In planning the installation of such equipment, the *Consumer* must consult with NT POWER.

Some types of electronic equipment, such as video display terminals, can be affected by the close proximity of high electrical currents that may be present in

transformer rooms. NT POWER may assist in attempting to resolve any such difficulties at the Consumer's expense.

Consumers who may require an uninterrupted source of *energy* supply, or a supply completely free from fluctuation and disturbance, must provide their own power conditioning equipment for these purposes.

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