

APPENDIX 'K'

Embedded Generation Connection Agreement

**Ref. NHLCOS-210-00 - Connections
Ref: NHLCOS-210-07 – Contracts**

Connection Agreement

Between

(XXXXXXXXXXXXXXXXXX)

Address

And

Newmarket Hydro Ltd.

590 Steven Court
Newmarket, Ontario
L3Y 6Z2

TABLE OF CONTENTS

PART 1 – CONNECTION STANDARDS

- 1. Definitions**
- 2. Approved Terminology**
- 3. Sole Agreement - Modification**
- 4. Purpose Of Connection Agreement**
- 5. Agreement Costs**
- 6. Invoicing And Payment**
- 7. Term And Termination**
- 8. Accounts And Right To Audit**
- 9. Confidentiality**
- 10. Assignment**
- 11. Good Faith**
- 12. Dispute Resolution**
- 13. Asset Ownership**
- 14. Limitations Of Liability**
- 15. Indemnification**
- 16. Force Majeure**
- 17. Miscellaneous**
- 18. OEB Codes, DSC (Distribution System Code), RSC(Retail Settlement Code),
Rate Handbook,**
- 19. Notices**

PART 2 – Operational Details

- 1. Facility Ownership**
- 2. Operating (Note: See Appendix 11 – XXXXXXXXXXXXXXXXXXXX Standard
Operating Procedures)**
- 3. Maintenance Agreement**
- 4. Safety**
- 5. Environment**
- 6. Information Requirement And Exchange**
- 7. Training And Qualifications**
- 8. Review And Revisions To Operating Agreement**
- 9. Services**

APPENDICIES

Appendix 1. OPERATIONAL TELEPHONE CONTACTS

A. Day to Day Operations

Appendix 2. AGREEMENT TELEPHONE CONTACTS

B. Contract Administration

Appendix 3. FACILITIES DESCRIPTION & SINGLE LINE DIAGRAMS

Appendix 4. OWNERSHIP AND OPERATING CONTROL

Appendix 5. METERING FACILITIES - SINGLE LINE DIAGRAM, CONSUMER AND CORPORATE AFFAIRS RECORD, STANDARD METER INSTALLATION SCHEMATIC

Appendix 6. SWITCHGEAR MAINTENANCE GUIDELINES

Appendix 7. BATTERY MAINTENANCE AND INSPECTION GUIDELINES

Appendix 8. PROTECTION REVERIFICATION SCHEDULES

Appendix 9. GENERATOR PROTECTIONS

Appendix 10. SERVICES

Appendix 11. XXXXXXXXXXXX SOP (Standard Operating Procedures)

Appendix 12. Copy of Inspection Certificate from Electrical Safety Authority for _____ site. (specifically ground potential rise data)

Appendix 13. Reference Material & Miscellaneous Documents (e.g. Appendices E & F Distribution System Code)

This Connection Agreement is made as of the _____ day of _____, 2000,

BETWEEN:

XXXXXXXXXXXXXXXXXXXXXXX

OF THE FIRST PART,

-and-

NEWMARKET HYDRO LTD.

OF THE SECOND PART.

AGREEMENT

NOW THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties hereby covenant and agree as follows:

PART 1 – CONTRACT STANDARDS

1. DEFINITIONS

Whenever capitalized and used in this Agreement, the following words and terms shall have the meanings set out below. In addition, a glossary of approved technical terminology applicable to the Operational Schedule (Part 2 of this Agreement) is detailed in 2.0 Part 1.

“**Agreement**” means this Agreement, which consists of the Contract Standards, the Operational Schedule and all Appendices attached hereto which are incorporated by reference herein.

“**Affiliates**” means “Affiliate” as defined in the *Business Corporation Act* (Ontario) as may be amended from time to time.

“**Commencement Date**” means the date set out on the firstpage of this Agreement.

“**Controlling Authority**” is that entity which has the authority to perform, direct or authorize the operation of specific devices and apparatus in a definitely specified manner.

“**Equipment**” means all apparatus, including control, protection, monitoring, metering and recording devices, used for or to facilitate power transmission, distribution or communication systems, including Newmarket Hydro Ltd. Equipment, Hydro One Equipment and XXXXXXXXXXXX Equipment.

“**Force Majeure Event**” has the meaning ascribed thereto in section 15.1 of this Agreement.

“**Generating Site**” means XXXXXXXXXXXX site at XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX, Newmarket, Ontario.

“**Toromont Energy Ltd.**” are the owners of the generators at the XXXXXXXXXXXX Generating Site. XXXXXXXXXXXX leases these generators from Toromont Energy Ltd.

“**Market Rules**” means the Market Rules to be made by the Independent Market Operator in accordance with section 32 of the *Electricity Act* (Ontario) as may be amended from time to time.

“**Newmarket Hydro Ltd. Equipment**” means all facilities and equipment of any kind, whether or not affixed to land or buildings that are owned by Newmarket Hydro Ltd. for distributing electricity or telecommunications or any purpose ancillary thereto including all metering and SCADA equipment except as otherwise provided in the Appendices.

“**HYDRO ONE Equipment**” means all facilities and equipment of any kind, whether or not affixed to land or buildings that are owned by HYDRO ONE for transmitting electricity or telecommunications or any purpose ancillary thereto including all metering and protection, except as otherwise provided in the Appendices.

“**Renewal Term**” has the meaning ascribed thereto in Section 7.1 hereof.

“XXXXXXXXXXXXX Equipment” means all facilities and equipment of any kind, whether or not affixed to land or buildings that are owned by XXXXXXXXXXXX for producing electricity or any purpose ancillary thereto except as otherwise provided in the Appendices.

Comment: Supply list of equipment

“Termi” has the meaning ascribed thereto in Section 7.1 hereof.

2. APPROVED TERMINOLOGY

Agent	A qualified person instructed or delegated to perform specific operations for the Controlling Authority.
Condition Guarantee	A guarantee, issued in support of a Work Protection, guaranteeing isolation/de-energization at switches, or other devices under the Operating Control of the issuer. Such guarantees may be communicated orally but must be logged or otherwise documented by the issuer. The issuer of a Condition Guarantee must have Operating Control of the guaranteed device.
Controlling Authority	The entity having the authority and responsibility to perform, direct, or authorize changes in the condition or position of apparatus or devices under its control.
De-energized	A state at which the stored potential energy of an isolated piece of equipment has been discharged. In electrical apparatus, electrical energy is typically discharged through a connection to an effective ground potential.
Deployment	The authorized present and future status and loading of System Elements. Once the Controlling Authority has declared a System Element available for use with any impending restrictions, the deployment authority determines the set-up or use of same. The deployment authority for all 230/500 kV equipment and power system auxiliaries and all generating resources at all Hydroelectric Plants rests with the IMO at the Clarkson System Control Centre (CSCC).
Emergency	"Emergency" means a condition or situation which in the judgment of Newmarket Hydro Ltd. or XXXXXXXXXXXX affects or will affect Newmarket Hydro Ltd.'s or XXXXXXXXXXXX's ability to meet its obligations to maintain safe, adequate and continuous electric service to Newmarket Hydro Ltd.'s and XXXXXXXXXXXX's customers.
Forced Outage	The removal from service the availability of a facility for Emergency reasons; or the unavailability of a facility due to an unanticipated failure of that facility or other facilities. Only the Controlling Authority may force equipment out of service, derate or impose equipment limitations.
Generator	Is XXXXXXXXXXXX, who has contracted with Ontario Power Generation Inc. to provide power to Newmarket Hydro Ltd.. For the purposes of this agreement "the Generating Site" is used synonymously with XXXXXXXXXXXX

Hold Off Procedure	<p>A procedure used to limit operation of apparatus to facilitate work or reduce work hazards.</p> <p>When an Operating Controlling Authority issues a 'Hold Off' on a piece of electrical equipment to a holder, the issuer promises the holder that, in case of an automatic trip on the equipment, the issue will not allow the re-energization of the equipment until the issuer has established communication with the holder, and obtained the holder's consent to re-energize.</p> <p>In order that a 'Hold Off' can be issued, suitable communication must be established and maintained between the Controlling Authority and the person holding the 'Hold Off' during the period the 'Hold Off' procedure is in effect.</p> <p>A 'Hold Off' is not, and shall not be viewed, as a Work Protection.</p>
Isolated	The state at which a piece of equipment has been disconnected from any source of dynamic energy. Typically, apparatus is isolated by means of devices such as valves or electrical switches.
Maintenance	Routine Maintenance, troubleshooting, repairs, approved changes and modifications as required for safe and efficient operation of the equipment.
Newmarket Hydro Ltd.	Newmarket Hydro Ltd.
Hydro One	Hydro One Networks Company
Operating Control	<p>Having the exclusive authority to perform, direct, or authorize, the operation of devices in a definitely specified manner. Operating Control is not synonymous with ownership, nor does it necessarily convey total independence of action.</p> <p>Operating Control is also referred to as the Controlling Authority</p>
Operating Services	Direct and indirect work activities required to facilitate the transfer of electrical power through the power network. Specific activities may include the switching of power equipment, the managing of the outages for equipment maintenance, the managing the work protections for equipment maintenance, the monitoring of equipment performance and reporting & communicating with other operating control authorities
The Generator	XXXXXXXXXXXX
Ownership	Having the design authority and the replacement responsibility of the facilities. Subject to XXXXXXXXXXXXs lease arrangement with Toromont Energy Ltd.
Qualified	Assessed as satisfactory in reference to personal competency, familiarity with rules, procedures, apparatus and equipment, and dangers with respect to work and operation.
Scheduled/Planned Outage	An outage that results when a component is deliberately taken out of service at a pre-selected time, usually for the purpose of construction, preventive maintenance or repair.

Work Authority	The person responsible and in charge of specific work or tests. It is the responsibility of the Work Authority to identify the need and make arrangements for adequate Work Protection.
Work Protection	The provision of a safe environment for work. A guarantee that an isolated, or isolated and de-energized condition has been established for work and will continue to exist, except for approved tests.

3. SOLE AGREEMENT-Modification

3.1 The parties agree that this Agreement constitutes the sole agreement between the parties on the subject matter hereof and supersedes all prior agreements, understandings, negotiations and discussions, whether oral or written, of or between the parties. This Agreement may not be altered, modified or amended except by written instrument executed by each of the parties hereto.

4. PURPOSE OF CONNECTION AGREEMENT

4.1 The purpose of this Agreement is to set out the rights and obligations of the parties in connection with the use and operation of the interconnected systems of the parties that are described in the Appendices hereto and includes any rights and obligations between the parties provided for in this Part 1 - Connection Standards, Part 2 - the Operational Details and all Appendices attached hereto and incorporated by reference herein, as may be amended from time to time in accordance with the terms of this Agreement.

5. AGREEMENT COSTS

5.1 Except as specifically provided herein, the parties shall bear their own costs of compliance with this Agreement.

6. INVOICING AND PAYMENT

6.1 Except as otherwise specifically provided herein, charges for costs or payments recoverable under this Agreement shall be submitted monthly; invoices shall be in such detail and format as specified by the payer; and payment shall be made no later than 60 days after receipt of any invoice for the payment. All invoices shall be submitted to the appropriate NEWMARKET HYDRO LTD. or XXXXXXXXXXXX'S accounting centre, as specified in Appendix 2, for payment.

7. TERM AND TERMINATION

7.1 This Agreement shall be for a term of five (5) years commencing on the Commencement Date (the "Term") and shall be automatically renewed at the end of every five (5) year period thereafter (the "Renewal Term") unless one party gives the other 120 days written notice prior to the end of the Term or of a Renewal Term as the case may be.

7.2 Notwithstanding sub-section 7.1, nothing in this Agreement, including any period of notice or other time-limited obligation shall operate so that a party's ability to protect its Equipment and transmit, distribute or produce electricity to or from the market place will be jeopardized.

8. ACCOUNTS AND RIGHT TO AUDIT

8.1 The parties hereby agree to keep all necessary proper accounts and records relating to the subject matter hereof. Such accounts and records, including invoices, receipts, time cards and vouchers shall at all reasonable times be open to audit, inspection and copying by each party to this Agreement. Accounts and records shall be preserved and kept available for audit for a period of six years.

9. CONFIDENTIALITY

9.1 Each party agrees to mark all proprietary information supplied to the other pursuant to sub-section 6.3 of Part 2, Operational Details, of this Agreement “Confidential” (hereinafter referred to as “Confidential Information”). Throughout the Term of this Agreement and for a period of seven (7) years from the date of termination of this Agreement each party shall keep confidential and shall not directly or indirectly disclose, allow access to, transmit or transfer to a third party without the disclosing party’s prior written consent, the Confidential Information of the other.

Unless otherwise agreed upon in writing, Confidential Information obtained from another party under this Agreement may only be used for the purpose of performing a party’s obligations hereunder. The Confidential Information shall not be copied, reproduced in any form, or stored in a retrieval system or data base by the recipient without the other party’s prior written consent except for such copies and storage as may be required internally by the recipient to carry out its obligations under this Agreement.

9.2 The obligations of the recipient of Confidential Information shall not apply to Confidential Information:

- (a) which is or becomes readily available to the public, other than through a breach of this Agreement;
- (b) which is subsequently obtained lawfully and in good faith from an independent third party without breach of this Agreement of any other obligation of confidentiality affecting such independent third party and as established by document with sufficient to establish such facts;
- (c) which the recipient can establish by documented and competent evidence was in its possession on a non-confidential basis prior to the disclosure of such Confidential Information hereunder; or
- (d) which the recipient is required by applicable law or statute to disclose.

10. ASSIGNMENT

10.1 This Agreement may not be assigned by either party, except when such assignment is required for financial purposes, without the prior written consent of the other party, such consent not to be unreasonably withheld or delayed except that Newmarket Hydro Ltd. may assign this Agreement without the consent of the other party to any other wholly-owned subsidiary of Newmarket Hydro Ltd..

10.2 No assignment shall constitute a substitution of a new contract for a former one, or release the assigning party from its obligations under this Agreement, without the express, written agreement of the other party.

11. GOOD FAITH

11.1 The parties undertake, in good faith, to perform their respective obligations, and to do all such things as may be reasonably requested by another party in order more effectively to carry out the intent of, and activities contemplated by, this Agreement.

12. DISPUTE RESOLUTION

12.1 The parties mutually agree to use their best efforts to resolve any disputes that may arise out of or in connection with this Agreement and the matters to which it relates.

12.2 The parties shall submit the dispute to binding arbitration in accordance with the Arbitrations Act of Ontario and the decision of the arbitrator(s) shall be final and binding on the parties.

12.3 The parties will be bound by the OEB issued Distribution System Code, Retail Settlement Code and Standard Supply Service Code and any other pertinent statute.

13. ASSET OWNERSHIP

13.1 Nothing in this Agreement shall operate, or be construed to operate, to extend, modify, or change the ownership of the Equipment as described in section 1 of Part 2 of this Agreement.

14. LIMITATION OF LIABILITY

14.1 The parties hereby agree that in no event shall Newmarket Hydro Ltd., its officers, directors, employees, agents, representatives, shareholders or Affiliates be liable to XXXXXXXXXXXX for the following: (i) losses, damages, claims, costs or expenses (including reasonable legal fees and expenses) or any other liabilities of any kind whatsoever, including without limitation special, indirect, exemplary, punitive or consequential damages (including without limitation, loss of profits or revenue and claims arising as a result of interruptions or fluctuations in electrical service) arising as a result of XXXXXXXXXXXX having no, or a reduced supply of electrical energy, howsoever caused or resulting from variations in frequency or voltage or from temporary delivery of power other than 3 phase power or arising pursuant to any other agreement entered into or to be entered into pursuant to which Newmarket Hydro Ltd. delivers energy to or receives delivery from XXXXXXXXXXXX on Newmarket Hydro Ltd.'s own behalf or on behalf of any other supplier of energy; or (ii) special, indirect, exemplary, punitive or consequential damages (including without limitation, loss of profits or revenue) arising as a result of the performance or non-performance of this Agreement; irrespective of whether such

claims for damages described in subsections (i) and (ii) above, are based upon negligence, strict liability, contract, operation of law or otherwise.

- 14.2 XXXXXXXXXXXX shall be responsible for all damages of any kind whatsoever, without limitation, caused by its generators that result from failure of XXXXXXXXXXXX's generators to separate (automatically or manually when requested or necessary) from the Newmarket Hydro Ltd. system during electrical disturbances. (See Part 2, 2.15)

15. INDEMNIFICATION

- 15.1 Each party shall indemnify and hold harmless the other party, its officers, directors, employees, agents, representatives, Affiliates from and against all losses, damages, claims, costs or expenses (including reasonable legal fees and expenses) or any other liabilities of any kind, that arise from any act or omission of the party from which indemnification is sought, except to the extent that such losses, damages, claims, costs or expenses, or other liabilities are found to have been caused by the negligence or willful misconduct of the party seeking indemnification, or its officers, directors, employees, agents, representatives or Affiliates. The indemnified party under this provision shall expeditiously without delay give written notice to the indemnifying party of any third party claims against which the indemnified party is entitled to be indemnified under this Section 14 after becoming aware of any such third party claims. Upon acknowledgment of its obligation hereunder to provide indemnification with respect to any such third party claims, the indemnifying party shall be entitled to control any litigation relating to such third party claims (including settlement and other negotiations) and the indemnified party shall cooperate fully with the indemnifying party in defense of such claims, subject to its right to be indemnified against any resulting costs of such cooperation.

16. FORCE MAJEURE

Force Majeure Events. Neither party shall be liable to the other for any loss, damage or delay, or inability to perform any obligation under this Agreement in whole or in part due to a Force Majeure Event which under this Agreement means any cause which is unavoidable and beyond the party's reasonable control including, without limiting the generality of the foregoing, any action, inaction, direction or order of any governmental, legislative, administrative or judicial body with authority or having jurisdiction over the party; strike, lockout, slowdown or other labour dispute; shortage or inability to obtain material, equipment, services or labour or Act of God or severe weather, fire, flood, earthquake, for so long as the event continues and provided that the event is not financial. Each party shall promptly advise the other of any such unavoidable loss, damage, delay or inability to perform, and shall restore normal conditions, re-establish schedules and resume operations as soon as reasonably possible.

Obligations in the Event of a Force Majeure Event. In the event of a Force Majeure Event that prevents a party from performing any of its obligations under this Agreement, such party shall (1) expeditiously, without delay notify the other party of the Force Majeure Event and its good faith assessment of the effect that the Force Majeure Event will have on its ability to perform any of its obligations, which notice shall be confirmed in writing as soon as reasonably practicable if such immediate notice is not in writing; (2) not be entitled to suspend performance of any of its obligations under the Agreement to any greater extent or for any

longer duration than is caused by the Force Majeure Event; (3) use its best efforts to mitigate the effects of such Force Majeure Event, remedy its inability to perform, and resume full performance of its obligations hereunder; (4) keep the other party informed of such efforts on a continuing basis; and (5) provide written notice to the other party of the resumption of the performance of any obligations affected by the Force Majeure Event. Notwithstanding any of the foregoing, settlement of any strike, lockout, or labour dispute constituting a Force Majeure Event shall be within the sole discretion of the party to the Agreement involved in such strike, lockout, or labour dispute and the requirement that a party must use its best efforts to remedy the cause of the Force Majeure Event and mitigate its effects and resume full performance hereunder shall not apply to strikes, lockouts, or labour disputes.

17. Miscellaneous

- 17.1 **Governing Laws.** This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.
- 17.2 **Rights and Obligations.** The rights and obligations of the parties under this Agreement shall at all times be subject to all applicable laws, regulations, orders and directives of any authority of competent jurisdiction, and shall be deemed to be amended to the extent required to comply with same.
- 17.3 **Titles; Construction of Agreement.** The headings of the various sections of this Agreement are for convenience or reference only and shall not modify, define or limit any of the terms or provisions of the Agreement. Any ambiguities or uncertainties in the wording of this Agreement shall not be construed in favour of or against any party, but shall be construed in a manner that most accurately reflects the purpose of this Agreement.
- 17.4 **Further Assurances.** If either party determines that in its reasonable discretion that any further instruments or other actions seem necessary or desirable to carry out the terms of this Agreement, the other party shall execute and deliver all such instruments and do all such actions as such party agree in its reasonable discretion as necessary or desirable to carry out the terms of this Agreement.
- 17.5 **Gender; Plural.** The use of words in the singular or plural or with a particular gender, shall not limit the scope or exclude the application of any provision of the Agreement to such person or persons or circumstances as the context otherwise permits.
- 17.6 **Severability.** If any term, covenant or condition of this Agreement or the application or effect of any such term, covenant or condition is held to be invalid as to any person, entity or circumstance or is determined to be not in the public interest by any court or government agency of competent jurisdiction, then such term, covenant or condition shall remain in effect to the maximum extent permitted by law and, all other terms, covenants and conditions of this Agreement and their application shall not be affected, but shall remain in full force and effect and the parties shall be relieved of their respective obligations under this Agreement only to the extent necessary to comply with the court or government agency holding.
- 17.7 **Execution in Counterparts.** This Agreement may be executed in counterparts, each of which when so executed shall be deemed to be an original and all of which when taken together shall constitute one and the same agreement.

18. Ontario Energy Board – Codes

- 18.1 This Agreement is intended to support and work in conjunction with all Ontario Energy Board Codes such as the Distribution System Code, Retail Settlement Code and the Rate Handbook.

If any parts of this agreement are found to be in violation of these codes the parties of the first and second part shall modify the Agreement as soon as practicable.

18.2 Newmarket Hydro Ltd., is precluded by Ontario Statute, from purchasing energy from any generator other than Ontario Power Generation until open access is declared by the Province of Ontario. If XXXXXXXXXXXX wishes to export energy into the Newmarket Hydro Ltd. system prior to open access being declared, and XXXXXXXXXXXX has no purchase agreement in place with Ontario Power Generation, then Newmarket Hydro Ltd. is under no financial obligation to pay XXXXXXXXXXXX for such energy until an agreement with OPGI is in place or open access has been declared and a purchase agreement with Newmarket Hydro Ltd. has been signed.

19. NOTICES

All correspondence, reports, documents and any other notices or other communication required to be given in connection with this Agreement shall be given in writing by fax, or other telegraphic or electronic means and, shall be addressed as follows:

in the case of notices to XXXXXXXXXXXX to:

XXXXXXXXXXXXXXXXXXXXX _____
Plant Manager
XXXXXXXXXXXXXXXXXXXXX Date: _____
Newmarket, ON
XXX XXX
Fax: 905 XXX XXXX

and, in the case of Newmarket Hydro Ltd. to:

Len Macdonald _____
Manager Technical Services
590 Steven Court Date: _____
Newmarket, Ontario
L3Y 1M5
Fax: 905 895-8931

All notices shall be sufficiently given and conclusively deemed to be delivered:

- (a) on the date of transfer, receipt confirmed, if by means of facsimile, telegraphic or other electronic means of transfer;
- (b) on the third business day after the day of mailing, if by mail; and
- (c) at the time of delivery, if delivered by hand.

PART 2 – Operation Schedule

This schedule confirms the demarcation of asset ownership boundaries for Equipment at the Generating Stations Site and provides for the standards and procedures for operating and maintaining the Generating Station Site (including the Generating Facility and the Switchyard), and the Equipment (including Newmarket Hydro Ltd. Equipment in the Generating Facility and XXXXXXXXXXXX Equipment in the Switchyard).

1. Facility Ownership, Interface and Descriptions – General

- 1.1 For reference, the demarcation of Equipment owned by the respective Parties at the Generating Station Site is detailed in the Appendix 4.
- 1.2 For reference, the ownership of facilities used to provide Common Services is detailed in Appendix 4.
- 1.3 Unless otherwise stated herein, the obligations provided in this Part 2 are deemed to be obligations of both Parties.

2. Operating

- 2.1 The Plant Manager of XXXXXXXXXXXX is responsible for the operation of all XXXXXXXXXXXX Equipment at the Generating Site except for switch NM -152 which is under the operating control of Newmarket Hydro Ltd.. Appendix3
- 2.2 The General Manager, Newmarket Hydro Ltd. is responsible for the operation of all Newmarket Hydro Ltd. equipment at the Generating Site.
- 2.3 The operation of the Generating Facility, Switchyard and Equipment will be consistent with a level of standards, procedures and instructions that meet or exceed those in effect at the signing of this Agreement, unless specifically identified otherwise in the Agreement.
- 2.4 Standard Operating Procedures inside the plant are detailed in Appendix 11 – XXXXXXXXXXXX Operations SOP.
- 2.5 Controlling Authority for XXXXXXXXXXXX Equipment at the Generating Station Site, which is impacted by this Agreement, will be assigned by the Plant Manager and is detailed in Appendix 4.
- 2.6 Controlling Authority for all Newmarket Hydro Ltd. Equipment at the Generating Station Site, which is impacted by this Agreement, will be assigned by the General Manager, Newmarket Hydro Ltd. and is detailed in the Appendix 4.
- 2.7 Controlling Authority for all Hydro One Equipment at Armitage TS, which is impacted by this Agreement, will be assigned by the Director, Transmission Operations Division, TOMC, 65 Kelfield St., Toronto, M9W 5A3. Facsimile Number: (note this should be the first operator located at Hydro One’s Cherrywood Transformer Station 905 420-4920)
- 2.8 All Equipment shall be under the Operating Control of a Controlling Authority at all times.

- 2.9 The Controlling Authority is the only party that may force equipment out of service, de-rate, or impose equipment limitations.
- 2.10 Communication between the Parties on day-to-day operating matters, will be between the Controlling Authorities. (Newmarket Hydro Ltd., XXXXXXXXXXXX and Hydro One)
- 2.11 Communication protocol with XXXXXXXXXXXX and Newmarket Hydro Ltd. will be as established in Appendix 1. Operating communications with XXXXXXXXXXXX will be through the Newmarket Hydro Ltd. Control Centre.
- 2.12 Each party shall provide the other such information as is required to operate their respective facilities securely and reliably. Further detail on information requirement is covered in the Appendices.
- 2.13 During emergencies, XXXXXXXXXXXX, Newmarket Hydro Ltd. and Hydro One may take whatever immediate action they deem necessary and are qualified to perform to safeguard public safety, life and property. Such actions shall be reported to the respective Controlling Authority as soon as possible after conditions have stabilized.
- 2.14 The Controlling Authority is responsible for establishing the appropriate conditions for and the co-ordination of, switching on the equipment under its control. At times it may be advantageous for an employee of the other party to act as Agent. If there is agreement, each Party may use the employee of the other party as Agent to do the required switching. Orders to Operate, however, must originate from the Controlling Authority.
- 2.15 XXXXXXXXXXXX shall be responsible for all damages of any kind whatsoever, without limitation, caused by its generators that result from failure of XXXXXXXXXXXX's generators to separate (automatically or manually when requested or necessary) from the Newmarket Hydro Ltd. system during electrical disturbances.
- 2.16 After normal working hours the Newmarket phones are directed to Richmond Hill Hydro's Control Centre who will act on behalf of Newmarket Hydro Ltd.. In an emergency condition, if XXXXXXXXXXXX cannot communicate with either Newmarket Hydro Ltd. or Richmond Hill Hydro, XXXXXXXXXXXX staff should contact Cherrywood TS directly.
- 2.17 XXXXXXXXXXXX generation will not remain connected to the system in the event of the ArmitageTS 41M24 44kV feeder breaker being opened manually or from any protection.
- 2.18 XXXXXXXXXXXX at the direction of Newmarket Hydro Ltd. staff will shut down and disconnect the generation from the Newmarket Hydro Ltd. System. Immediate shutdown of the generators would be ordered to protect public and/or worker safety. E.g. When Newmarket Hydro Ltd. employees require a Hold Off Protection on the M24 protection (from Hydro One) it would be of no value if the generators are running and connected to the system.
- 2.19 ***The Generators will be operated such that their power factor (P.F.) will as close to 100% as possible and not below 90% lagging.***

3. Maintenance Agreement

- 3.1 Newmarket Hydro Ltd. is responsible to maintain the sub-transmission system and to use all available resources to respond to emergency, or system security related needs beyond the requirements of this Agreement.
- 3.2 The maintenance of the Generating Facility, Switchyard and Equipment will be consistent with standards, procedures and instructions that meet or exceed those in effect at the signing of this Agreement, unless specifically identified otherwise in the Agreement. Reference Appendices 6, 7, 8 and Appendix 11 - XXX Co-Gen Operations SOP for in-plant details.
- 3.3 Newmarket Hydro Ltd., XXXXXXXXXXXX and Hydro One are each fully responsible for routine and emergency maintenance on all Equipment under their respective ownership.
- 3.4 The Equipment owner has the responsibility for equipment upgrades and rehabilitation to ensure there is no degradation in equipment performance that would lead to unacceptable increases in Equipment failure rates.
- 3.5 Each party has design authority and engineering responsibility for all equipment under their ownership, including all engineering documentation. Decisions and approvals are based on verification that the design is in accordance with applicable laws, regulations, licenses, standards, and codes; is fit for the required service (capable, operable, reliable, maintainable, and cost effective); and has been conducted in accordance with the applicable Quality Assurance Program.
- 3.6 Each party is responsible for ensuring that its own assets are secure. In general, where a fence is provided for the purpose of restricting access to the enclosed facilities, the owner of the fence has the responsibility to maintain the integrity of the fence.
- 3.7 Newmarket Hydro Ltd., XXXXXXXXXXXX and Hydro One will perform maintenance during regular working hours. If XXXXXXXXXXXX request that Newmarket Hydro Ltd. perform work outside normal working hours XXXXXXXXXXXX will reimburse Newmarket Hydro Ltd. all incremental costs associated with the work request.

4. Safety

- 4.1 All work will be carried out in accordance with the Work Protection Code and Practices of Newmarket Hydro Ltd., Hydro One and the Controlling Authority. Corporate and local safety rules must be followed at all times. Each party must ensure that the other party is aware of local or trade specific procedures that may have an impact on the overall operation and maintenance.
- 4.2 When XXXXXXXXXXXX requires isolation from Newmarket Hydro Ltd. sources or isolation of a device under Newmarket Hydro Ltd. control, the XXXXXXXXXXXX Controlling Authority will request the Newmarket Hydro Ltd. Controlling Authority to provide a Condition

Guarantee. XXXXXXXXXXXX will then establish its own Safety Procedures in accordance with XXXXXXXXXXXXs Standard Operating Procedures.

- 4.3 When Newmarket Hydro Ltd. requires isolation from XXXXXXXXXXXX sources or isolation of a device under XXXXXXXXXXXX control, the Newmarket Hydro Ltd. Controlling Authority will request the XXXXXXXXXXXX Controlling Authority to provide a Condition Guarantee. Newmarket Hydro Ltd. will then establish its own Work Protection in accordance with Newmarket Hydro Ltd.'s Corporate Work Protection Code.
- 4.4 No one but the holder of a Condition Guarantee has the right to surrender the Guarantee except if the holder is unable to continue to exercise his responsibilities due to illness, injury or other cause. The work shall cease and a qualified substitute may be appointed to surrender for the absent holder. Note: Appropriate Newmarket Hydro Ltd. staff to be trained on procedures in advance of connection to the grid. (Len Macdonald, Doug Keats, Steven Hoskin, Paul Jolivel and others)
- 4.5 Before performing the operations described in this document, the necessary safety procedures relative to this type of equipment must be carried out.
- 4.6 XXXXXXXXXXXX will provide the Newmarket Hydro Ltd. staff with all necessary instructions for emergency responses including reporting procedures and Site Emergency Co-ordinators.
- 4.7 Newmarket Hydro Ltd. will provide the XXXXXXXXXXXX staff with all necessary instructions for emergency responses including reporting procedures and Site Emergency Co-ordinators.
- 4.8 Either party may choose to establish its own Work Protection in lieu of a Condition Guarantee. If so, the Controlling Authority may provide access to devices owned by the other party, as required, to establish Work Protection.

5. Environment

- 5.1 Clean-up of spills caused by XXXXXXXXXXXX or its equipment will be at XXXXXXXXXXXX's expense and shall be done in compliance with required environmental regulations and to the satisfaction of Newmarket Hydro Ltd. acting reasonably. (e.g. Any possible environmental hazards due to malfunctioning facilities must be identified in advance so defined procedures may be developed)

6. Information Requirement and Exchange

- 6.1 To the extent practical, Newmarket Hydro Ltd., Hydro One and XXXXXXXXXXXX will endeavour to keep each other informed of conditions and events within their respective jurisdictions that may affect their respective equipment and operation of this Connection Agreement.
- 6.2 XXXXXXXXXXXX, Hydro One and Newmarket Hydro Ltd. shall each provide the others with updates in the event of any changes to the positions and telephone numbers listed in Appendix 1 or Appendix 2.

- 6.3 Operating data and information concerning both short-term operational issues and long-term technical issues affecting the Connection Assets and operation of this Agreement will be conveyed between XXXXXXXXXXXX, Newmarket Hydro Ltd. and Hydro One when required to ensure safe and efficient operation and maintenance of the facilities. This information may include, but is not limited to:
- Work Protection Code
 - Safety Procedures
 - Operating and equipment ratings
 - Operating maps and diagrams
 - Spot and actual Megawatt and Megavar readings
 - Notification of planned shutdowns
 - Outage scheduling information
 - Procedures relevant to the foregoing
- 6.4 All communications between the Controlling Authorities regarding equipment in the switchyards must use the Newmarket Hydro Ltd. Operating Designations for Newmarket Hydro Ltd. equipment and XXXXXXXXXXXX Operating Designations for XXXXXXXXXXXX equipment and Hydro One Operating Designations for Hydro One Equipment. Appendices 3 and 4
- 6.5 All Planned and Forced Outages on equipment that may provide a window for maintenance will be identified and communicated to each party. All parties will, for planned outages to their plant, endeavor to provide at least seven (7) days notice to each other.

7. Access and Security

- 7.1 All Parties shall co-operate to ensure that XXXXXXXXXXXX station is secure at all times.
- 7.2 Newmarket Hydro Ltd. authorized personnel shall be assured access to all Newmarket Hydro Ltd. equipment, regardless of where it is located on The Generating Site.
- 7.3 Newmarket Hydro Ltd. staff will comply with all XXXXXXXXXXXX Health and Safety Policies and Procedures as well as Visitor/Contractor Reporting and Control Procedures when entering and exiting the Generating Sites, as well as while on site.
- 7.4 XXXXXXXXXXXX shall provide Newmarket Hydro Ltd. with all applicable procedures and training necessary to ensure expeditious access to Newmarket Hydro Ltd. Equipment in or on the Generating Facility or other XXXXXXXXXXXX premises.
- 7.5 Access codes and/or keys must only be provided to authorized personnel and registered as required.
- 7.6 Access to XXXXXXXXXXXX facilities are via the Process Control Operator at XXXXXXXXXXXX or XXXXXXXXXXXX Appendix 1
- 7.7 Any party upon discovery of any security concerns (i.e. break-ins, fence damage, vandalism, etc.) shall report concerns to the owner of the facilities.

8. Training and Qualifications

8.1 Operation, inspection and maintenance of the Equipment covered by this document must be performed by Qualified persons who are thoroughly trained and who understand any hazards that may be involved. This document has been prepared only for such Qualified persons and is not intended to be a substitute for adequate training and experience in safety procedures for this type of equipment.

9. Review and Revisions to Connection Agreement

9.1 Either party may initiate a review of this Agreement at any time; however, both Parties, acting reasonably, must approve changes thereto.

10. Services

10.1 XXXXXXXXXXXX shall provide the Shared Services as listed in Appendix 10 to Newmarket Hydro Ltd. for as long as XXXXXXXXXXXX is operating the Generating Station Site or such services are otherwise being generally provided by it for the Generating Station Site. In the event that a Generation Station is mothballed, not in operation or such utilities and services are not provided by XXXXXXXXXXXX or otherwise available to the Generating Station Site then XXXXXXXXXXXX obligation to supply Newmarket Hydro Ltd. such service shall cease: temporarily if the interruption of supply is of a temporary nature or, if the termination of supply of such service is of a permanent nature, then the obligation of XXXXXXXXXXXX to supply such services shall come to an end upon compliance with and subject to the terms of Section 5.1 of Part 1.

10.2 Provided that XXXXXXXXXXXX shall not be liable to Newmarket Hydro Ltd. in the event Newmarket Hydro Ltd. suffers damages directly or indirectly as a result of the failure to deliver such services in a timely manner, for any other reasons whatsoever, except to the extent that the failure to supply is attributable to the negligent acts or omissions of XXXXXXXXXXXX, its employees or agents.

10.3 In the event of default under Subsection 10.1 which remains uncured, or for which corrective action has not been expeditiously taken, for more than 5 business days after notice of default, or in the event of a pattern of default cured or uncured, the non-defaulting Party shall be entitled to terminate this Agreement in respect of the Shared Services and the defaulting Party shall pay the Least Cost Alternative of providing the non-defaulting Party with such services in accordance with Subsection 6.1 of Part 1 of this Agreement.

10.4 Revision to cost of service charges shall be negotiated subject to subsection 10.5 where the continued service providing infrastructure or equipment has reached end-of-life or requires major cost to repair.

10.5 Charges for all Shared Services shall be based on a cost recovery basis and unless otherwise provided shall be pro-rated on the basis the Parties' actual use thereof.

- 10.6 In the event that either Party requires Shared Services in excess of those provided on the Commencement Date, and the Party providing the Shared Service has to incur additional capital costs to accommodate such increases, the Party requesting the additional service shall be billed such incremental capital costs. The foregoing provisions shall also apply to a temporary expansion of Shared Services under which the service provider incurs additional cost (example would be a finite duration project undertaken by Newmarket Hydro Ltd. which necessitates bringing a construction workforce on site).

- 10.7 Notwithstanding anything to the contrary contained herein, the provisions of this Section 10 shall be subject to Section 5 of Part 1 this Agreement.

Appendix 1 – Operational Telephone Contacts

Normal and emergent communications shall be Newmarket Hydro Ltd. to/from XXXXXXXXXXXXXXX Using the Operating Contacts and phone numbers listed below. Note: After normal working hours 905 895-6922 rings through to Richmond Hill Hydro’s Control Centre who will act on behalf of Newmarket Hydro Ltd..

NOTE: In an emergent condition if XXXXXXXXXXXXXXX, cannot communicate with either Newmarket Hydro Ltd. or Richmond Hill Hydro, XXXXXXXXXXXXXXX staff should contact Cherrywood TS directly.

Either Party has the right to change the listed position designations and telephone numbers with immediate effect at any time by notice in writing delivered to the other Party by fax or other telegraphic means. Any employee with apparent authority may deliver such notice.

A) Day-to-Day Operation

For the Operation of Newmarket Hydro Ltd. Distribution Network, Hydro One Transmission Network and the XXXXXXXXXXXXXXX connection.

	Newmarket Hydro Ltd.	XXXXXXXXXXXX	Hydro One GTA East
Operating Contacts	Paul Jolivel or Stephen Hoskin	Process Control Operators:	1st Operator
Location	590 Steven Court		GTA East
Phone Number			
Fax Number:	905 895-8931		
Alternate Numbers:			
Alternate Numbers:			
Outage Planning	John Graham	Process Control Operator	TOC Planner
Location	590 Steven Court		GTA East
Phone Number			
Fax Number	905 895-8931		
Alternate Numbers:			
Position	Operation Technician	Plant Manager	P&C Supervisor
Name	Stephen Hoskin or Paul Jolivel		
Location	590 Steven Court		
Phone Number	905 953-8513		
Fax Number:	905 895-8931		
Alternate Numbers:			
Alternate Numbers:			
Position	General Foreman	Technical Services	
Name	John Graham		
Location	590 Steven Court		
Phone Number			
Fax Number:	905 895-8931		
Alternate Numbers:			
Alternate Numbers:			
Notes:			

Appendix 2 – Agreement Telephone Contacts

B) Contract Administration
For Operating Services

	Newmarket Hydro Ltd.	XXXXXXXXXXXXX	Hydro One
Position	Manager of Technical Services	Plant Manager	Account Executive
Name	Len Macdonald		
Location	590 Steven Court		
Phone Number	905 953-8548		
Fax Number:	905 895-8931		
Position			
Name			
Location			
Phone Number			
Fax Number:			
Position			
Name			
Location			
Phone Number			
Fax Number:			

Appendix 3 – Insert Facilities Description & Single Line Diagram

1. (Stephen Hoskin-Newmarket Hydro Ltd.)

Appendix 3 Page 2 Insert Single Line Diagram XXXX - fault levels

1. (Stephen Hoskin – Newmarket Hydro Ltd.)

Appendix 4 - Ownership & Operating Control

Either party has the right to change the Controlling Authority assignment, as indicated **in the table below**, at any time subject to the following conditions:

- The appropriate authority within NEWMARKET HYDRO LTD. has the right to change the Controlling Authority assignment only on equipment owned by NEWMARKET HYDRO LTD..
- The appropriate authority of XXXXXXXXXXXXX has the right to change the Controlling Authority assignment only on equipment owned by XXXXXXXXXXXXX.
- The appropriate authority of Hydro One has the right to change the Controlling Authority assignment only on equipment owned by the Hydro One.
- Notification of changes to the Controlling Authority assignment must be provided at least 30 days in advance of the change.
- Notification for changes should be exchanged between parties as follows;

NEWMARKET HYDRO LTD.	XXXXXXXXXXXX (The Customer)	Hydro One
<ul style="list-style-type: none"> • Manager Technical Services (Len Macdonald) 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

Appendix 4 continued - Ownership & Operating Control

With Reference to Facilities Description and Single Line Diagram Appendix 3

XXXXXXXXXXXXXX owns:

1. Switch NM-152
2. Transformer NCR
3. All 44kV cables
4. All secondary 600v breakers, cables and connection equipment
- 5.

XXXXXXXXXXXXXX has Operating Control of:

6. 4000 amp main secondary breaker CB01
7. 1600 amp Gen 1 (CB11) and Gen 2 (CB12) isolating breakers
8. Main Gen 1 (CB21) and Gen 2 (CB22) protection breakers
- 9.

Newmarket Hydro Ltd. owns:

10. Loops L-91
11. NMHEC SCADA equipment
12. NMHEC Metering Unit including instrument transformers
- 13.

Newmarket Hydro Ltd. has Operating Control of:

14. Switch NM-152
- 15.
- 16.
- 17.

Hydro One owns:

18. NSD-70 equipment located at the XXXXXXXXXXXXXXXXXX site.
19. Metering Equipment ? OPGI?
- 20.
- 21.
- 22.

Hydro One has Operating Control of:

23. Armitage TS M24 feeder breaker

Appendix 5 – Insert Metering Facilities Diagram

1. (Stephen Hoskin-Newmarket Hydro Ltd.)

Appendix 5 Page 2 – Insert Generic Wiring Schematic XXXX 3q 4w

1. Len Macdonald-Newmarket Hydro Ltd.

Appendix 5 Page 3- Insert Consumer & Corporate Affairs Record of Installation

1. Len Macdonald-Newmarket Hydro Ltd.

Appendix 6 – Switchgear Maintenance Guidelines

Air Break Switch - NM-152

Circuit Breaker Maintenance – CB01, CB11, CB12, CB21, CB22

Transformer Maintenance – NCR 3MVA

INSPECTION:

Every Three Months:

1. Make sure that the switch is in its required operating position (either fully opened or fully closed).
2. Make a visual inspection of the insulators for cracked skirts and breakage's of castings (such as pin and caps), other external parts and connections.
3. Make a visual check of the motor mechanism (if applicable).
4. Check that the mechanism space heater is functioning (if applicable).
5. Inspect gas pressure indicator (if practical and applicable).

Note: No report is required for this three month inspection.

MAINTENANCE:

Every Year: - REQUIRES AN OUTAGE

Mechanical Mechanism and Interrupter (where applicable)

1. Manually operate the switch and check: contact alignment toggles, stops, linkage, undue insulator movement.
2. Check all aluminum operating components for cracks.
3. Check contact pressure. Observe jaw spread as blade rotates in jaw.
4. Check the contacts for burns or wear.
5. Check the silver plating for peeling or wear.
6. Clean and lubricate contacts with low-temperature, multipurpose grease such as Lube 10A.
7. Check that line connections to the switch are tight.
8. Remove gearbox covers and inspect and lubricate gears.
9. Check Switch grounding connections are tight and undamaged.

Appendix 6 (continued)

10. Lubricate all locations fitted with grease fittings.
11. Inspect and clean insulators.
12. Check shunts for tightness, fraying, or deterioration.
13. Test interrupter to ensure that contacts make and break and check that sequence of operation is correct. Check the position indicator (if applicable).
14. Perform Micro-ohm test across the entire switch. Record results.
15. Remove cover from electrical control mechanism. Check internally (if applicable).
16. Check that grounding (including ground mats if supplied) is tight and undamaged.
17. Clean and paint as required.
18. Test operate switch and load interrupter manually and electrically (as appropriate).

Motor Mechanism (if applicable)

1. Check the operation of the mechanism's space heater.
2. Check the contacts on the auxiliary switches and motor circuits (clean if tarnished).
3. Auxiliary contacts should be checked for compression and alignment.
4. Check the actuating arms of the micro switches for correct travel.
5. Check wiring connections for tightness.
6. Inspect the motor commutator and brushes for wear.
7. Check the motor is fused properly.
8. Check interlock switches and locking devices for proper operation.
9. Observe the mechanism during switching.

Appendix 7 – Battery Maintenance and Inspection Guidelines

Battery Inspection

The DC Battery itself should become part of a monthly inspection routine.

1. Check that the battery charger DC voltmeter reading is within the normal range --- investigate any deviations.
2. Check that the battery charger ammeter reading indicates that the battery drain is normal--- investigate any deviations.
3. Record DC system voltage.
- *4. Record the corrected relative density of the electrolyte and the voltage of the pilot cell and determine if an equalize charge is required.
5. Inspect the battery plates (if visible) for any signs of deterioration and correct.
- *6. Top up the electrolyte to the upper limit using distilled or approved water - excessive water loss is an indication of overcharging and should be investigated.
7. Wipe down cells as required.
8. XXXXXXXXXXXXXXXX will forward, when completed, a copy of all maintenance performed to Newmarket Hydro Ltd.
at

Fax: 905 895-8931

Note: Items with an asterisk (*) do not apply for maintenance free batteries

Appendix 8 – Protection Re-verification Schedules

Protection and Control Re-verification Schedule

1. XXXXXXXXXXXXXXX's station protections and control systems which can impact on the Newmarket Hydro Ltd. sub-transmission system shall be reverified every two years. This shall include the re-verification and testing of Hydro One M24 feeder protection including NSD70. Note: Normally Hydro One re-verifies this protection every 4 or 8 years. XXXXXXXXXXXXXXX will pay Hydro One's costs associated with a 2 year re-verification schedule.
2. XXXXXXXXXXXXXXX shall advise Newmarket Hydro Ltd. giving at least 14 working days notice of intention to conduct reverification test so that co-ordination with Hydro One Protection and Control staff and System Performance staff (if necessary) can observe:
 - re-verification of control equipment settings specified in this Agreement.
 - relay recalibration
 - test tripping of station breakers that impact the Newmarket Hydro Ltd./Customer interface and the Newmarket Hydro Ltd./Hydro One interface.
 - measurement and analysis of secondary AC voltages and currents to confirm measuring circuit integrity.
 - Function testing of all protection schemes to verify integrity and works as designed.

NOTE: All tests must be coordinated and approved ahead of time through the normal outage planning process.

3. Specific Protections; Functionality (observation) & Protection Setting Sheets:
 1. All XXXXXXXXXXXXXXX protections which trip and open CB01, CB11, CB12, CB21, CB22 breakers or interface with Newmarket Hydro Ltd." and that trip and open the Hydro One M24 - 44kV breaker which is the interface between Newmarket Hydro Ltd. and Hydro One.
 2. Confirm that settings applied are approved by Newmarket Hydro Ltd. and Hydro One on the following;
 3. Provide to Newmarket Hydro Ltd. and Hydro One copies of all protections settings sheets and verification sheets. Appendix 8 Page 2...

Line & Station Protections (Stone & Webster)

- a. Multilin SR760 for all over and under voltage phase and ground, 27, 59,
- b. Multilin SR760 overcurrent phase/ground instantaneous and timed 50/51, 50a/50b, 50Na/50Nb
- c. Multilin SR760 synchrocheck protection, 25 (not used as synchrocheck but to interlock CB01)
- d. Multilin SR760 over/under frequency 810 & 81U
- e. Multilin SR760 protections that are disabled, list ?
- f. Multilin SR760 Control Features used/not used
- g. Multilin SR760 other?

Appendix 8 Page 2 – Insert Protection Setting Sheets

1. ***Hydro One***
2. ***Stone & Webster***
3. ***Toromont***
- 4.

Appendix 9 – Generator Protections

Generator Protections (Toromont Energy)

- a. Multilin M3420 for all over and under voltage phase and ground, 27, 59,
- a. Multilin M3420 overcurrent phase/ground instantaneous and timed 50/51, 50a/50b, 50Na/50Nb
- b. Multilin M3420 synchrocheck protection, 25
- c. Multilin M3420 directional power relay, 32R
- d. Multilin M3420 reverse phase/phase balance relay, 46N
- e. Multilin M3420 field relay, 40G
- f. Multilin M3420 other?

Hydro One – M24 Feeder Protection - Notes

1. NSD-70 Remote Trip Protection (Armitage TS trips to XXXXXXXXXXXX not the reverse)
 - a. NUG END OPEN (NEO) Logic monitors, via b pallets, the status of CB01, CB11 and CB 21.
 - b. Reclosure of the M24 will not be allowed until either a) both generator breakers CB11 & CB12 or b) CB01 main breaker are in the open position.
2. Hydro One to provide the M24 feeder protection AC & DC diagrams along with NSD-70 drawings as soon as possible.

Appendix 10 - Services

There are no defined services to date.

Appendix 11 – Co-Gen Operations SOP (attached)

1. XXXXXXXXXXXXXXX

Appendix 12

1. Inspection Certificates

Appendix 13-Reference Material

1. Distribution System Code Appendices E & F attached