FERC rendition of the electronically filed tariff records in Docket No. [include if docket no. exists]

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COST REIMBURSEMENT AGREEMENT

Between

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid

and

ROCHESTER GAS AND ELECTRIC CORPORATION

(NYISO OATT Service Agreement No. 2135)

COST REIMBURSEMENT AGREEMENT

This **COST REIMBURSEMENT AGREEMENT** (the "<u>Agreement</u>"), is made and entered into as of March 31, 2014 (the "<u>Effective Date</u>"), by and between **ROCHESTER GAS AND ELECTRIC CORPORATION**, a utility organized and existing under the laws of NEW York State, having an office and place of business at 89 East Avenue Rochester, NY 14604 ("<u>Customer</u>" or "<u>RG&E</u>") and **NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid**, a corporation organized and existing under the laws of the State of New York, having an office and place of business at 300 Erie Boulevard West, Syracuse, New York 13202 (the "<u>Company</u>" or "<u>National Grid</u>"). Customer and Company may be referred to hereunder, individually, as a "<u>Party</u>" or, collectively, as the "<u>Parties</u>".

WITNESSETH

WHEREAS, Customer has requested that Company perform certain Work with respect to Mortimer Station, Station 251 and related portions of transmission lines/circuits and equipment located inside the property line of the impacted National Grid Stations as described herein; and

WHEREAS, Company is willing to perform the Work, subject to reimbursement by Customer of all Company costs and expenses incurred in connection therewith;

NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein, the Parties agree as follows:

1.0 Certain Definitions

Wherever used in this Agreement with initial capitalization, whether in the singular or the plural, these terms shall have the following meanings:

"<u>Affiliate</u>" means any person or entity controlling, controlled by, or under common control with, any other person; "control" of a person or entity shall mean the ownership of, with right to vote, 50% or more of the outstanding voting securities, equity, membership interests, or equivalent, of such person or entity.

"<u>Agreement</u>" means this Cost Reimbursement Agreement, including all annexes, appendices, attachments, schedules, and exhibits and any subsequent written amendments or modifications thereto, as may be mutually agreed to and executed by the Parties.

"<u>Applicable Requirements</u>" shall mean all applicable federal, state and local laws, regulations, rules, ordinances, codes, decrees, judgments, directives, or judicial or administrative orders, permits and other duly authorized actions of any federal, state, local or other governmental regulatory or administrative agency, court, commission, department, board, or other governmental subdivision, legislature, rulemaking board, tribunal, or other

governmental authority having jurisdiction, NYISO, NPCC, and NYSRC requirements, and any applicable reliability standards.

"Balance Amount" shall have the meaning set forth in Section 8.1 of this Agreement.

"Breaching Party" shall have the meaning set forth in Section 21.1 of this Agreement.

"CEII" shall have the meaning set forth in Section 25.4 of this Agreement.

"<u>Company Reimbursable Costs</u>" means the actual costs and expenses incurred by Company and/or its Affiliates in connection with performance of the Work or otherwise incurred by Company and/or its Affiliates in connection with the Project or this Agreement, and including, without limitation, any such costs that may have been incurred by Company and/or its Affiliates prior to the Effective Date. These Company Reimbursable Costs shall include, without limitation, the actual expenses for labor (including, without limitation, internal labor), services, materials, subcontracts, equipment or other expenses incurred in the execution of the Work or otherwise in connection with the Project, all applicable overhead, all federal, state and local taxes incurred (including, without limitation, all taxes arising from amounts paid to Company that are deemed to be contributions in aid of construction), all costs of outside experts, consultants, counsel and contractors, all other third-party fees and costs, and all costs of obtaining any required permits, rights, consents, releases, approvals, or authorizations, including, without limitation, the Required Approvals.

"Damages" shall have the meaning set forth in Section 12.1 of this Agreement.

"<u>Day</u>" means a calendar day, provided, that, if an obligation under this Agreement falls due on a Saturday, Sunday or legal holiday, the obligation shall be due the next business day worked.

"Disclosing Party" shall mean the Party disclosing Proprietary Information.

"Dollars" and "\$" mean United States of America dollars.

"*Effective Date*" shall have the meaning specified in the preamble of this Agreement.

"*Environment*" shall mean soil, surface waters, groundwaters, land, stream sediments, surface or subsurface strata, and ambient air.

"*Environmental Law*" shall mean any environmental or health-and-safety-related law, regulation, rule, ordinance, or by-law at the federal, state, or local level, whether existing as of the Effective Date, previously enforced or subsequently enacted, or any judicial or administrative interpretation thereof.

"FERC" shall mean the Federal Energy Regulatory Commission.

"*Force Majeure Event*" shall have the meaning set forth in Section 23.1 of this Agreement.

"<u>Good Utility Practice</u>" means any of the practices, methods, and acts engaged in or approved by a significant portion of the electric utility industry during the relevant time period, or any of the practices, methods, and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety, and expedition. Good Utility Practice is not intended to be limited to the optimum practice, method, or act, to the exclusion of all others, but rather to refer to acceptable practices, methods, or acts generally accepted in the region in which the Project is located. Good Utility Practice shall include, but not be limited to, NERC, NPCC, NYSRC, and NYISO criteria, rules, guidelines, and standards, where applicable, and as they may be amended from time to time, including the rules, guidelines, and criteria of any successor organization to the foregoing entities.

"<u>Hazardous Substances</u>" means any pollutant, contaminant, toxic substance, hazardous material, hazardous waste, or hazardous substance, or any oil, petroleum, or petroleum product, as defined in or pursuant to the Federal Clean Water Act, as amended, the Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. Section 9601, et seq., the Resource Conservation and Recovery Act, as amended, 42 U.S.C. Section 6901, et seq., or any other Environmental Law.

"*Indemnified Party*" and "*Indemnified Parties*" shall have the meanings set forth in Section 12.1 of this Agreement.

"Indemnifying Party" shall have the meaning set forth in Section 12.1 of this Agreement.

"Initial Prepayment" shall have the meaning set forth in Section 7.1 of this Agreement.

"Monthly Report" shall have the meaning set forth in Section 7.3 of this Agreement.

"<u>NPCC</u>" shall mean the Northeast Power Coordinating Council, Inc. (a reliability council under Section 202 of the Federal Power Act) or any successor organization.

"<u>NERC</u>" shall mean the North American Electric Reliability Corporation or any successor organization.

"Non-Breaching Party" shall have the meaning set forth in Section 21.1 of this Agreement.

"Non-Disclosure Term" shall have the meaning set forth in Section 25.3.4 of this Agreement.

"<u>NYISO</u>" shall mean the New York Independent System Operator, Inc. or any successor organization.

"<u>NYPSC</u>" shall mean the New York Public Service Commission.

"<u>NYSRC</u>" shall mean the New York State Reliability Council or any successor organization.

"Party" and "Parties" shall have the meanings set forth in the preamble to this Agreement.

"*Projected Milestone Schedule*" shall have the meaning set forth in Section 5.3 of this Agreement.

"*Project*" means the Work to be performed under this Agreement by the Company.

"<u>*Project Manager*</u>" means the respective representative of the Customer and the Company appointed pursuant to Section 27.1 of this Agreement.

"<u>Proprietary Information</u>" means (i) all financial, technical and other non-public or proprietary information which is furnished or disclosed by the Disclosing Party or its Affiliates (or its or its Affiliates' agents, servants, contractors, representatives, or employees) to the Receiving Party or its Representative(s) in connection with this Agreement and that is described or identified (at the time of disclosure) as being non-public, confidential or proprietary, or the non-public or proprietary nature of which is apparent from the context of the disclosure or the contents or nature of the information disclosed, (ii) any market sensitive information (including, without limitation, outages scheduled on generators or transmission lines of Company or any third party), (iii) all CEII and (iv) all memoranda, notes, reports, files, copies, extracts, inventions, discoveries, improvements or any other thing prepared or derived from any information described in subparts (i) through (iii) preceding.

"<u>Receiving Party</u>" shall mean the Party receiving Proprietary Information.

"<u>Reimbursement Amount</u>" shall have the meaning set forth in Section 8.1 of this Agreement.

"<u>*Release*</u>" shall mean any releasing, spilling, leaking, contaminating, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, disposing or dumping of any Hazardous Substances into the Environment.

"<u>*Representatives*</u>" shall, for the purposes of Article 25 of this Agreement, mean the Affiliates of a Party and such Party's and its Affiliates' officers, directors, employees, contractors, counsel and representatives.

"<u>Requesting Party</u>" shall have the meaning set forth in the Real Property Standards.

"Required Approvals" shall have the meaning set forth in Section 27.12 of this Agreement.

"Resources" shall have the meaning set forth in Section 23.1 of this Agreement.

"*Threat of Release*" shall mean a substantial likelihood of a Release that requires action to prevent or mitigate damage to the Environment that may result from such Release.

"Site" shall mean Luther Forest Station.

"*Subcontractor*" means any organization, firm or individual, regardless of tier, which Company retains in connection with the Agreement.

"Total Payments Made" shall have the meaning set forth in Section 8.1 of this Agreement.

"*Work*" shall have the meaning specified in Section 3.1 of this Agreement.

"<u>Work Cost Estimate</u>" shall have the meaning set forth in Section 6.1 of this Agreement.

2.0 <u>Term</u>

2.1 This Agreement shall become effective as of the Effective Date and shall remain in full force and effect until performance has been completed hereunder, or until terminated in accordance with the terms of this Agreement, whichever occurs first, provided, however, that this Agreement shall not expire or terminate until all amounts due and owing hereunder have been paid in full as contemplated by this Agreement.

3.0 <u>Scope of Work</u>

- 3.1 The scope of work is set forth in <u>Exhibit A</u> of this Agreement, attached hereto and incorporated herein by reference (the "<u>Work</u>").
- 3.2 Company shall use commercially reasonable efforts to perform the Work in accordance with Good Utility Practice. Prior to the expiration of one (1) year following completion of the Work, Customer shall have the right to notify the Company of the need for correction of defective Work that does not meet the standards of this Section 3.2. If the Work is defective within the meaning of the prior sentence, the Company shall promptly complete, correct, repair or replace such defective Work, as appropriate. The remedy set forth in this Section is the sole and exclusive remedy granted to Customer for any failure of Company to meet the performance standards or requirements set forth in this Agreement.

4.0 Changes in the Work

4.1 Prior to commencement of the Work, each Party shall provide a written notice to the other Party containing the name and contact information of such Party's Project Manager.

- 4.2 If Customer wishes to request a change in the Work, such request shall be submitted to the Company in writing. If, as a result of any such request, the Parties agree to a change in the Work, the agreed change will be set forth in a written document signed by both Parties specifying such change. The Projected Milestone Schedule and the Work Cost Estimate shall be adjusted and/or extended as mutually agreed by the Parties to reflect any such agreed change to the Work. Any additional costs arising from such change shall be paid by the Customer as part of Company Reimbursable Costs when invoiced by the Company in accordance with Section 7.2 of this Agreement.
- 4.3 Notwithstanding the above, Company may make any reasonable changes in the Work to ensure the completion of the Project or prevent delays in the schedule. Company shall provide Customer with written notice of any such changes to the Work within fifteen (15) business days after such changes are implemented. The Projected Milestone Schedule and the Work Cost Estimate shall be adjusted accordingly and any additional costs shall be paid by the Customer as part of Company Reimbursable Costs when invoiced by the Company in accordance with Section 7.2 of this Agreement.

The foregoing notwithstanding, the Company is not required to obtain the consent of the Customer for any change to the Work if such change is made in order to comply with any Applicable Requirement(s) or Good Utility Practice or to enable Company's utility facilities to continue, commence or recommence commercial operations in accordance with all applicable legal and regulatory requirements and all applicable industry codes and standards. The Projected Milestone Schedule and the Work Cost Estimate shall be adjusted accordingly and any additional costs shall be paid by the Customer as part of Company Reimbursable Costs when invoiced by the Company in accordance with Section 7.2 of this Agreement.

5.0 <u>Performance and Schedule; Conditions to Proceed</u>

- 5.1 The Company shall use commercially reasonable efforts to have any Work performed by its direct employees performed during normal working hours. The foregoing notwithstanding, if Work is performed outside of normal working hours, Customer shall be responsible for paying all actual costs incurred in connection therewith, including, without limitation, applicable overtime costs, as part of Company Reimbursable Costs. The Company shall provide the Customer with prior notification when work outside of normal working hours is required.
- 5.2 If Customer requests, and the Company agrees, to work outside normal working hours due to delays in the Project schedule or for other reasons, Company shall be entitled to recover all resulting costs as part of Company Reimbursable Costs.
- 5.3 The Projected Milestone Schedule is set forth in Exhibit B, attached hereto and

incorporated herein by reference. The Projected Milestone Schedule is a projection only and is subject to change. Both Parties shall make reasonable efforts to adhere to the Projected Milestone Schedule. Neither Party shall be liable

for failure to meet the Preliminary Milestone Schedule, any milestone, or any other projected or preliminary schedule in connection with this Agreement or the Project.

- 5.4 Anything in this Agreement to the contrary notwithstanding, Company shall not be obligated to proceed with any Work until all of the following conditions have been satisfied:
 - (i) all Required Approvals for the Work have been received, are in form and substance satisfactory to the Parties, have become final and non-appealable and commencement of the Work is permitted under the terms and conditions of such Required Approvals, and
 - (ii) all Company Reimbursable Costs invoiced to date have been paid in full to Company.

6.0 Estimate Only; Customer Obligation to Pay Company Reimbursable Costs.

6.1 The current good faith estimate of the Company Reimbursable Costs, exclusive of any applicable taxes, is One Million Three Hundred Thousand Dollars (\$1,300,000) (the "*Work Cost Estimate*"). The Work Cost Estimate is an estimate only and shall not limit Customer's obligation to pay Company for all Company Reimbursable Costs actually incurred by Company or its Affiliates.

7.0 <u>Payment</u>

- 7.1 Customer shall pay or reimburse Company for all Company Reimbursable Costs. The Company has previously invoiced Customer for, and Customer has paid, an initial prepayment of One Hundred Fifty Thousand dollars (\$150,000) (the "<u>Prior Prepayment</u>"). Company shall invoice Customer for an additional prepayment of Five Hundred Thousand Dollars (\$500,000) (the "<u>Additional Prepayment</u>", and, together with the Prior Prepayment, the "<u>Initial Prepayment</u>") and Customer shall pay the Additional Prepayment to Company within thirty (30) Days of the invoice due date. Company shall not be obligated to commence or continue Work under this Agreement, as amended, prior to receiving payment in full of the Initial Prepayment.
- 7.2 Company may periodically invoice Customer for Company Reimbursable Costs incurred. Each invoice will contain reasonable detail sufficient to show the invoiced Company Reimbursable Costs incurred by line item. Company is not required to issue periodic invoices to Customer and may elect, in its sole discretion, to continue performance hereunder after the depletion of the Initial Prepayment or any subsequent prepayment, as applicable, and invoice Customer at a later date. Except as otherwise expressly provided for in this Agreement, all invoices shall be due and payable thirty (30) Days from date of invoice. If any

payment due under this Agreement is not received within thirty (30) Days after the applicable invoice due date, the Customer shall pay to the Company interest on the unpaid amount at an annual rate equal to two percent (2%) above the prime rate of interest from time to time published under "Money Rates" in <u>The Wall</u> <u>Street Journal</u> (or if at the time of determination thereof, such rate is not being published in <u>The Wall Street Journal</u>, such comparable rate from a federally insured bank in New York, New York as the Company may reasonably determine), the rate to be calculated daily from and including the due date until payment is made in full. In addition to any other rights and remedies available to Company, if any payment due from Customer under this Agreement is not received within thirty (30) Days after the applicable invoice due date, Company may suspend any or all Work pending receipt of all amounts due from Customer; any such suspension shall be without recourse or liability to Company.

- 7.3 Each month during the term of this Agreement, the Company shall provide Customer with a report (each, a "<u>Monthly Report</u>") containing (i) unless invoiced, the Company's current estimate of the Company Reimbursable Costs incurred in the prior calendar month, and (ii) the Company's current forecast (20% to 40% variance) of the Company Reimbursable Costs expected to be incurred in the next calendar month, provided, however, that such Monthly Reports (and any forecasted or estimated amounts reflected therein) shall not limit Customer's obligation to pay Company for all Company Reimbursable Costs actually incurred by Company or its Affiliates.
- 7.4 If Customer claims exemption from sales tax, Customer agrees to provide Company with an appropriate, current and valid tax exemption certificate, in form and substance satisfactory to National Grid, relieving National Grid from any obligation to collect sales taxes from Customer ("Sales Tax Exemption Certificate"). During the term of this Agreement, Customer shall promptly provide National Grid with any modifications, revisions or updates to the Sales Tax Exemption Certificate or to Customer's exemption status. If Customer fails to provide an acceptable Sales Tax Exemption Certificate for a particular transaction, National Grid shall add the sales tax to the applicable invoice to be paid by Customer.
- 7.5 Company shall maintain reasonably detailed records to document the Company Reimbursable Costs. So long as a request for access is made within six (6) months of completion of the Work, Customer and its chosen auditor shall, during normal business hours and upon reasonable advanced written notice of not less than ten (10) days, be provided with access to such records for the sole purpose of verification by Customer that the Company Reimbursable Costs have been incurred by Company.
- 7.6 Company's invoices to Customer for all sums owed under this Agreement shall be sent to the individual and address specified below, or to such other individual and address as Customer may designate, from time to time, by written notice to the Company :

Name: Mr. David Fingado Address: RG&E 1300 Scottsville Road Rochester, NY 14624

7.7 All payments made under this Agreement shall be made in immediately available funds. Payments to the Company shall be made by wire transfer to:

Wire Payment:	JP Morgan Chase
ABA#:	021000021
Credit:	National Grid USA
Account#:	77149642

8.0 Final Payment

8.1 Following completion of the Work, the Company shall perform an overall reconciliation of the total of all Company Reimbursable Costs to the invoiced costs previously paid to Company by Customer under this Agreement ("*Total Payments Made*"). If the total of all Company Reimbursable Costs is greater than the Total Payments Made, the Company shall provide a final invoice to Customer for the balance due to the Company under this Agreement (the "*Balance Amount*"). If the Total Payments Made is greater than the total of all Company Reimbursable Costs, Company shall reimburse the difference to Customer ("*Reimbursement Amount*"). The Reimbursement Amount or Balance Amount, as applicable, shall be due and payable upon final reconciliation but no later than sixty (60) Days after such reconciliation. Any portion of the Balance Amount or Reimbursement Amount, as applicable, remaining unpaid after that time shall be subject to interest as calculated pursuant to Section 7.2 of this Agreement.

9.0 <u>Customer's Responsibilities</u>

- 9.1 If and to the extent applicable or under the control of the Customer, Customer shall provide complete and accurate information regarding requirements for the Project and the Site(s), including, without limitation, constraints, space requirements, underground or hidden facilities and structures, and all applicable drawings and specifications.
- 9.2 Customer shall prepare, file for, and use commercially reasonable efforts to obtain all Required Approvals necessary to perform its obligations under this Agreement.
- 9.3 Customer shall reasonably cooperate with Company as required to facilitate Company's performance of the Work, including, without limitation, performance of any work or tasks to be performed by Customer as contemplated by Exhibit A of this Agreement.

10.0 <u>Meetings</u>

10.1 Each Party's Project Manager shall attend Project meetings at times and places mutually agreed to by the Parties, which meetings shall be held at least monthly by teleconference or in person as agreed to by the Project Managers.

11.0 Disclaimers

- 11.1 THE COMPANY IS NOT IN THE BUSINESS OF PERFORMING DESIGN, ENGINEERING OR CONSTRUCTION SERVICES FOR PROFIT AND IS NOT RECEIVING ANY FEE OR PROFIT (AS CONTRASTED WITH COST REIMBURSEMENT) FOR ITS PERFORMANCE OF THE WORK HEREUNDER. THE EXCLUSIVE REMEDY GRANTED TO CUSTOMER FOR ANY ALLEGED FAILURE OF COMPANY TO MEET THE PERFORMANCE STANDARDS OR REQUIREMENTS CONTAINED IN THIS AGREEMENT IS AS SET FORTH IN SECTION 3.2. COMPANY MAKES NO WARRANTIES, REPRESENTATIONS, OR GUARANTEES IN CONNECTION WITH THIS AGREEMENT, ANY PROJECT, OR ANY WORK OR SERVICES PERFORMED IN CONNECTION THEREWITH, WHETHER WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE **IMPLIED** WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY EXPRESSLY EXCLUDED AND DISCLAIMED. CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY WARRANTIES PROVIDED BY ORIGINAL MANUFACTURERS. LICENSORS, OR PROVIDERS OF MATERIAL, EQUIPMENT, SERVICES OR OTHER ITEMS PROVIDED OR USED IN CONNECTION WITH THE WORK, INCLUDING ITEMS INCORPORATED IN THE WORK ("THIRD PARTY WARRANTIES"), ARE NOT TO BE CONSIDERED WARRANTIES COMPANY THE OF THE AND COMPANY MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES AS TO THE APPLICABILITY OR ENFORCEABILITY OF ANY SUCH THIRD PARTY WARRANTIES.
- 11.2 Notwithstanding any other provision of this Agreement, this Article shall survive the termination, cancellation or expiration of this Agreement.

12.0 Liability and Indemnification

- 12.1 To the fullest extent permitted by applicable law (including, without limitation, the applicable provisions of any governing federal or state tariff), Customer shall indemnify and hold harmless, and at Company's option, defend Company, its parents and Affiliates and their respective contractors, officers, directors, servants, agents, representatives, and employees (each, individually, an "Indemnified Party" and, collectively, the "Indemnified Parties"), from and against any and all liabilities, damages, losses, costs, expenses (including, without limitation, any and all reasonable attorneys' fees and disbursements), causes of action, suits, liens, claims, damages, penalties, obligations, demands or judgments of any nature, including, without limitation, for death, personal injury and property damage, economic damage, and claims brought by third parties for personal injury and/or property damage (collectively, "Damages"), incurred by any Indemnified Party to the extent caused by (i) any breach of this Agreement by Customer, its Affiliates, third-party contractors, or their respective officers, directors, servants, agents, representatives, or employees, or (ii) the negligence, unlawful act or omission, or intentional misconduct of Customer, its Affiliates, third-party contractors, or their respective officers, directors, servants, agents, representatives, and employees, arising out of or in connection with this Agreement, the Project, or any Work, except to the extent such Damages are directly caused by the gross negligence, intentional misconduct or unlawful act of the Indemnified Party or its contractors, officers, directors, servants, agents, representatives, or employees.
- 12.2 Customer shall defend, indemnify and save harmless Company, its parents and Affiliates and their respective contractors, officers, directors, servants, agents, representatives, and employees, from and against any and all liabilities, losses, costs, counsel fees, expenses, damages, judgments, decrees and appeals resulting from any charge or encumbrance in the nature of a laborer's, mechanic's or materialman's lien asserted by any of Customer's subcontractors or suppliers in connection with the Work or the Project.
- 12.3 Customer shall also protect, indemnify and hold harmless the Company and its Affiliates from and against the cost consequences of any tax liability imposed against or on Company and/or its Affiliates as the result of payments, and/or real or personal property transfers, made in connection with this Agreement, as well as any related interest and penalties, other than interest and penalties attributable to any delay directly caused by Company or the applicable Company Affiliate.
- 12.4 The Company's total cumulative liability to Customer for all claims of any kind, whether based upon contract, tort (including negligence and strict liability), or otherwise, for any loss, injury, or damage connected with, or resulting from, this Agreement, the Project or the Work, shall not exceed the aggregate amount of all payments made to Company by Customer as Company Reimbursable Costs under this Agreement.

- 12.5 Neither Party shall be liable to the other Party for consequential, indirect, special, incidental, multiple, or punitive damages (including, without limitation, attorneys' fees or litigation costs) in connection with or related to this Agreement, including, without limitation, damage claims based on causes of action for breach of contract, tort (including negligence), or any other theory of recovery, whether or not (i) such damages were reasonably foreseeable or (ii) the Parties were advised or aware that such damages might be incurred.
- 12.6 Neither Party shall be liable to the other Party for claims or damages for lost profits, delays, loss of use, business interruption, or claims of customers, whether such claims are categorized as direct or consequential damages, or whatever the theory of recovery, and whether or not (i) such damages were reasonably foreseeable or (ii) the Parties were advised or aware that such damages might be incurred.
- 12.7 Anything in this Agreement to the contrary notwithstanding, neither Party shall be responsible for any failure or inability to perform hereunder to the extent such failure or inability is caused by the acts or omissions of the other Party (including any contractor of such Party or any person or entity for whom such Party is legally responsible) or of any third party (other than a subcontractor of the Party that is unable or failing to perform hereunder).

For the avoidance of doubt: neither Party, as applicable, shall have any responsibility or liability under this Agreement for any delay in performance or nonperformance to the extent such delay in performance or nonperformance is caused by or as a result of (a) the inability or failure of the other Party or its contractors to cooperate or to perform any tasks or responsibilities contemplated to be performed or undertaken by such other Party under this Agreement, (b) any unforeseen conditions or occurrences beyond the reasonable control of the Party (including, without limitation, conditions of or at the Site, delays in shipments of materials and equipment and the unavailability of materials), (c) the inability or failure of Customer and Company to reach agreement on any matter requiring their mutual agreement under the terms of this Agreement, or (d) any valid order or ruling by any governmental agency or authority having jurisdiction over the subject matter of this Agreement.

- 12.8 Anything in this Agreement to the contrary notwithstanding, if any Party's liability in connection with this Agreement is limited or capped pursuant to any applicable law, statute, rule or regulation, then the other Party hereto shall be entitled to elect an identical liability limitation and/or cap as if such law, statute, rule or regulation were applicable to such Party.
- 12.9 Notwithstanding any other provision of this Agreement, this Article shall survive the termination, cancellation or expiration of this Agreement.

13.0 Employee Claims; Insurance

- 13.1 The Company elects to self-insure to maintain the insurance coverage amounts set forth in <u>Exhibit C</u> of this Agreement.
- 13.2 Prior to commencing Work on the Project and during the term of the Agreement, the Customer, at its own cost and expense, shall procure and maintain insurance in form and amounts set forth in <u>Exhibit C</u> of this Agreement, or Customer may selfinsure to the extent authorized or licensed to do so under the applicable laws of the State of New York. Customer hereby elects to self-insure to maintain the insurance coverage amounts set forth in <u>Exhibit C</u> of this Agreement.
- 13.3 Except to the extent Customer self-insures in accordance with Section 13.2 hereof, the Customer shall have its insurer furnish to the Company certificates of insurance, on forms approved by the Insurance Commissioner of the State of New York, evidencing the insurance coverage required by this Article, such certificates to be provided prior to commencement of Work.
- 13.4 Each Party shall be separately responsible for insuring its own property and operations.

14.0 Assignment and Subcontracting

14.1 Either Party may assign this Agreement, or any part thereof, to any of its Affiliates provided such assignee Affiliate agrees in writing to be bound by the terms and conditions of this Agreement. Any assignment of this Agreement in violation of the foregoing shall be voidable at the option of the non-assigning Party. Each Party has the right to subcontract some or all of the work to be performed by such Party under the terms of this Agreement. Each Party may also use the services of its Affiliates in connection with its performance under this Agreement. Customer agrees that the costs and expenses of such Affiliates or contractors charged to or incurred by Company shall be paid by Customer as part of the Company Reimbursable Costs.

15.0 Independent Contractor; No Partnership; No Agency; No Utility Services

15.1 Company and Customer shall be independent contractors. This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties or to impose any partnership obligation or partnership liability upon any Party. No Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or be an agent or representative of, or to otherwise bind, the other Party. This Agreement is not an agreement to provide or take utility services of any kind, including, without limitation, interconnection or other electric transmission services.

16.0 Examination, Inspection and Witnessing

16.1 Subject to Customer's and its representatives' compliance with Company's security, safety, escort and other access requirements, the Customer and/or its representatives shall have the right to inspect and examine the Work, or witness any test with respect to the Work, from time to time, when and as mutually agreed by the Parties, at Customer's sole cost and expense, and with reasonable prior notice to Company. Unless otherwise agreed between the Parties, such inspections, examinations and tests shall be scheduled during normal business hours.

17.0 <u>Safety</u>

17.1 Each Party shall be solely responsible for the safety and supervision of its own employees, representatives and contractors involved with the Work or any other activities contemplated by this Agreement. In connection with the activities contemplated by this Agreement, each Party shall, and shall require its representatives, contractors, and employees to, comply with all applicable Federal, state and local health and safety requirements, rules, regulations, laws and ordinances, including without limitation, the safety regulations adopted under the Occupational Safety and Health Act of 1970 ("OSHA"), as amended from time to time. While on the property (including, without limitation, easements or rights of way) of, or accessing the facilities of, the other Party, each Party's employees and/or contractors and agents shall at all times abide by the other Party's safety standards and policies, switching and tagging rules, and escort and other applicable access requirements. The Party owning or controlling the property or facilities shall have the authority to suspend the other Party's access, work or operations in and around such property or facilities if, in its sole judgment, at any time hazardous conditions arise or any unsafe practices are being followed by the other Party's employees, agents, representatives or contractors.

18.0 Approvals, Permits and Easements

18.1 The actual cost of obtaining all Required Approvals obtained by or on behalf of the Company shall be paid for by Customer as part of Company Reimbursable Costs.

19.0 Environmental Protection; Hazardous Substances or Conditions

19.1 The Company shall in no event be liable to Customer, its Affiliates or contractors, their respective officers, directors, employees, agents, servants, or representatives, or any third party with respect to, or in connection with, the presence of any Hazardous Substances which may be present at or on any Customer or third party owned, occupied, used, or operated property or facility (including, without

limitation, easements, rights-of-way, or other third-party property) or which the Company, its Affiliates or contractors, their respective officers, directors, employees, agents, servants, or representatives may discover, release, or generate at or on such properties or facilities through no negligent or unlawful act of the Company, and Company hereby disclaims any and all such liability to the fullest extent allowed by applicable law. Customer agrees to hold harmless, defend, and indemnify the Company, its Affiliates and contractors, and their respective directors, officers, agents, servants, employees and representatives from and against any and all claims and/or liability in connection with, relating to, or arising out of (i) the presence, discovery, release, threat of release or generation of Hazardous Substances, or (ii) the breach of any Federal, state, or local laws, rules, regulations, codes, or ordinances relating to the environment, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act, as amended, 42 U.S.C. §§ 9601 et seq., the Resource Conservation and Recovery Act, as amended, 42 U.S.C. §§ 6901 et seq., except to the extent such presence, discovery, release, threat of release, generation or breach is or are directly and solely caused by the negligent or unlawful act of the Company or of any person or entity for whom the Company is legally responsible. The obligations under this Section shall not be limited in any way by any limitation on Customer's insurance or by any limitation of liability or disclaimer provisions contained in this Agreement. The provisions of this Section shall survive the expiration, cancellation or earlier termination of this Agreement.

19.2 Customer shall promptly inform the Company, in writing, of any Hazardous Substances, or unsafe, dangerous, or potentially dangerous, conditions or structures, whether above-ground or underground, that are present on, under, over, or in Customer- owned, occupied, used, managed or operated facilities or property (including, without limitation, easements, rights-of-way, or other thirdparty property) to be used or accessed in connection with the Work or this Agreement. Prior to Company's commencement of the Work, Customer shall be obligated to use its best efforts (including, without limitation, the use of DIGSAFE or other similar services) to adequately investigate the presence and nature of any such Hazardous Substances, or unsafe, dangerous, or potentially dangerous, conditions or structures, and to promptly, fully, and in writing, communicate the results thereof to the Company. Customer's provision to the Company of the information contemplated in this Section shall in no event give rise to any liability or obligation on the part of the Company, nor shall Customer's obligations under this Agreement, or under law, be decreased or diminished thereby.

20.0 Suspension of Work

- 20.1 Subject to Section 20.2, below, Customer may interrupt, suspend, or delay the Work by providing written notice to the Company specifying the nature and expected duration of the interruption, suspension, or delay. Company will use commercially reasonable efforts to suspend performance of the Company Work as requested by Customer. Customer shall be responsible to pay Company (as part of Company Reimbursable Costs) for all costs incurred by Company that arise as a result of such interruption, suspension or delay.
- 20.2 As a precondition to the Company resuming the Work following a suspension under Section 20.1, the Projected Milestone Schedule and the Work Cost Estimate shall be revised as mutually agreed by the Parties to reflect the interruption, suspension, or delay. Adjustments to the Company Reimbursable Costs shall include any costs or expenses the Company incurs as a result of the interruption, suspension, or delay.

21.0 <u>Right to Terminate Agreement</u>

- 21.1 If either Party (the "Breaching Party") (a) fails to pay any amount when due under the terms of this Agreement or fails to comply with or perform, in any material respect, any of the other terms or conditions of this Agreement: (b) sells or transfers all or substantially all of its assets; (c) enters into any voluntary or involuntary bankruptcy proceeding or receivership; or (d) makes a general assignment for the benefit of its creditors, then the other Party (the "Non-Breaching Party") shall have the right, without prejudice to any other right or remedy and after giving five (5) Days' written prior notice to the Breaching Party and a reasonable opportunity for cure (not to exceed thirty (30) Days in the case of a failure to pay amounts when due), to terminate this Agreement, in whole or in part, and thereupon each Party shall discontinue its performance hereunder to the extent feasible and make every reasonable effort to procure cancellation of existing Work- and/or Project- related commitments, orders and contracts upon terms that are reasonably expected to minimize all associated costs. However. nothing herein will restrict Company's ability to complete aspects of the Work that Company must reasonably complete in order to return its facilities and the Sites to a configuration in compliance with Good Utility Practice and all Applicable Requirements. The Non-Breaching Party shall also have the right to pursue any and all rights it may have against the Breaching Party under applicable law, subject to other applicable terms and conditions of this Agreement (including, without limitation, any applicable limitations on liability contained herein).
- 21.2 In the event of any early termination or cancellation of the Work as contemplated in this Agreement, Customer shall pay Company for:

(i) all Company Reimbursable Costs for Work performed on or before the effective date of termination or cancellation;

(ii) all other Company Reimbursable Costs incurred by Company in connection with the Work prior to the effective date of termination or cancellation, including, without limitation, for materials, equipment, tools, construction equipment and machinery, engineering and other items, materials, assets or services which cannot reasonably be avoided, mitigated or cancelled;

(iii) all Company Reimbursable Costs incurred to unwind Work that was performed prior to the effective date of termination or cancellation to the extent reasonably necessary to return Company's facilities to a configuration in compliance with Good Utility Practice and all Applicable Requirements;

(iv) all Company Reimbursable Costs arising from cancellation costs relating to orders or contracts entered into in connection with the Work prior to the effective date of termination or cancellation; and

(v) all Company Reimbursable Costs arising from demobilization expenses incurred by Company which cannot be reasonably avoided or mitigated.

22.0 [Reserved]

23.0 Force Majeure

23.1 A "*Force Majeure Event*" shall include fire, flood, windstorm, adverse weather conditions, emergencies, explosion, terrorism, riot, war, sabotage, acts of God, strikes or labor slow-downs, court injunction or order, federal and/or state law or regulation, delays by governmental authorities in approving regulatory, license and permit requests necessary in connection with the Work or Project, or order by any federal or state regulatory agency, or other causes, conditions or circumstances beyond the affected Party's reasonable control. Without limiting the foregoing, a "Force Majeure Event" shall also include unavailability of personnel, equipment, supplies, or other resources ("*Resources*") due to diversion of such Resources for other utility-related duties in connection with an emergency or other similar contingency, including, without limitation, storms or other adverse weather conditions.

If a Force Majeure Event should occur and impair the ability of either or both Parties to perform its, or their respective, obligations hereunder, then, to the extent affected by such Force Majeure Event, the performance of this Agreement, with the exception of payment obligations, shall be suspended for the duration of such Force Majeure Event. At the conclusion of a Force Majeure Event, the price and time for performance under this Agreement shall be adjusted as reasonably necessary to overcome the effect of the delay occasioned by such Force Majeure Event. The foregoing notwithstanding and with the exception of payment obligations, if, as the direct or indirect result of any Force Majeure Event, the Parties' continued performance hereunder becomes irreparably impaired or prevented, the Parties may mutually agree to terminate this Agreement, in whole or in part, with no further obligation or liability; provided, however, that, notwithstanding any such termination, Customer shall pay the Company all of the Company's Company Reimbursable Costs in accordance with Section 21.2 of this Agreement.

- 23.2 Within thirty (30) Days after the termination of any delay occasioned by a Force Majeure Event, the affected Party shall give written notice to the other Party specifying the estimated impact of the delay.
- 23.3 For the avoidance of doubt: to the extent any Party has a payment obligation pursuant to the terms of this Agreement, such payment obligation shall not be subject to or conditioned upon such Party receiving funding or reimbursement from any third party (and any failure to secure such funding or reimbursement shall not constitute a Force Majeure Event), nor shall any such obligation be conditioned upon the other Party executing any certificates or other instruments not expressly and specifically required by the terms of this Agreement.

24.0 [Reserved]

25.0 Proprietary and Confidential Information

- 25.1 Each Party acknowledges that, in the course of the performance of this Agreement, it may have access to Proprietary Information of the other Party.
- 25.2 General Restrictions. Upon receiving Proprietary Information, the Receiving Party) and its Representative shall keep in strict confidence and not disclose to any person (with the exception of the Representatives of the Receiving Party, to the extent each such Representative has a need to know in connection herewith) any of the Disclosing Party's Proprietary Information except as otherwise provided by the terms and conditions of this Agreement. The Receiving Party and its Representatives shall not use such Proprietary Information except for the purposes identified herein without the prior written approval of the Disclosing Party. The Receiving Party shall be solely liable for any breach of this Section to the extent caused by its Representatives. Customer agrees that any Proprietary Information will be used solely for the Project and will not be used, either directly or indirectly, for the Customer's financial gain and/or commercial advantage or in violation of any applicable laws, rules or regulations.
- 25.3 Exceptions. Subject to Section 25.4 hereof, the Receiving Party shall not be precluded from, nor liable for, disclosure or use of Proprietary Information that:

25.3.1 is in or enters the public domain, other than by a breach of this Section; or

- 25.3.2 is known to the Receiving Party or its Representatives at the time of first disclosure hereunder, or thereafter becomes known to the Receiving Party or its Representatives subsequent to such disclosure without similar restrictions from a source other than the Disclosing Party, as evidenced by written records; or
- 25.3.3 is developed by the Receiving Party or its Representatives independently of any disclosure under this Agreement, as evidenced by written records; or
- 25.3.4 is disclosed more than three (3) years after first receipt of the disclosed Proprietary Information, or three (3) years after the termination or expiration of this Agreement, whichever occurs later (the "<u>Non-Disclosure Term</u>"); or
- 25.3.5 is disclosed following receipt of the Disclosing Party's written consent to the disclosure of such Proprietary Information; or
- 25.3.6 is necessary to be disclosed, in the reasonable belief of the Receiving Party or its Representatives, for public safety reasons, provided, that, Receiving Party has attempted to provide as much advance notice of the disclosure to the Disclosing Party as is practicable under the circumstances.

Anything in this Article or the Agreement to the contrary notwithstanding, the Receiving Party or its Representative(s) may disclose Proprietary Information of the other Party to the extent the Receiving Party or its Representative(s) is required to do so by law, by a court, or by other governmental or regulatory authorities; provided, however, that, if permitted to do so by applicable law, the Receiving Party shall give the Disclosing Party written notice of any such required disclosure prior to such disclosure being made so that the Disclosing Party may seek a protective order with respect to such Proprietary Information. Receiving Party will reasonably cooperate with the Disclosing Party's efforts to obtain such protective order.

25.4 Each Party acknowledges that information and/or data disclosed under this Agreement may include "critical energy infrastructure information" under applicable <u>FERC</u> rules and policies ("<u>CEII</u>"). Receiving Party shall, and shall cause its Representatives to, strictly comply with any and all laws, rules and regulations (including, without limitation, FERC regulations, rules, orders and policies) applicable to any such CEII disclosed by or on behalf of Disclosing Party or that relates to any of Disclosing Party's or Disclosing Party's Affiliates' facilities.

Neither the Receiving Party nor its Representatives shall divulge any such CEII to any person or entity, directly or indirectly, unless permitted to do so by law and unless the Receiving Party has first obtained, in each case, the express specific written consent of the Disclosing Party and any affected Affiliate of the Disclosing Party. In any event, to the extent that the Receiving Party or any of its Representatives seeks or is ordered to submit any such CEII to FERC, a state regulatory agency, court or other governmental body, the Receiving Party shall, in addition to obtaining the Disclosing Party's and its Affiliate's prior written consent (as applicable), seek a protective order or other procedural protections to ensure that such information is accorded CEII status and is otherwise treated as confidential.

In the case of any Proprietary Information that is CEII, Receiving Party's obligations and duties under this Article shall survive until (i) the expiration of the Non-Disclosure Term, or (ii) the date on which such CEII is no longer required to be kept confidential under applicable law, whichever is later. With respect to CEII, in the event of any conflict or inconsistency between this Section and any other term or provision of this Agreement, this Section shall govern in connection with such CEII.

- 25.5 Notwithstanding any provision of this Agreement to the contrary, all assets, equipment and facilities procured or constructed by or on behalf of Company, and all plans, designs, specifications, drawings and other materials and documents created or prepared by or for Company, in connection with the Work, and all title, copyright, intellectual property and other rights therein, shall be and remain the sole property of Company.
- 25.6 This Article shall survive any termination, expiration or cancellation of this Agreement.

26.0 Governing Law; Effect of Applicable Requirements

- 26.1 This Agreement is made and shall be interpreted, construed, governed, and enforced in accordance with the laws of the State of New York, without reference to such State's conflict-of-laws doctrine. The Company and Customer agree to submit to the personal jurisdiction of the courts in the State of New York, or the Federal District courts in the State of New York, as permitted by law, with respect to any matter or dispute arising out of this Agreement.
- 26.2 If and to the extent a Party is required or prevented or limited in taking any action or performance with respect to this Agreement by any Applicable Requirement(s), such Party shall not be deemed to be in breach of this Agreement as a result of such compliance with the Applicable Requirement(s).

27.0 Miscellaneous

- 27.1 **Project Managers.** Promptly following the Effective Date, each Party shall designate a Project Manager and shall provide the other Party with a written notice containing the name and contact information of such Project Manager. Whenever either Party is entitled to approve a matter, the Project Manager for the Party responsible for the matter shall notify the Project Manager of the other Party of the nature of such matter. The Project Managers shall discuss such matter, and each Project Manager shall confer on such matter on behalf of his/her Party. The foregoing notwithstanding, in no event shall any Project Manager be authorized to amend or modify the provisions of this Agreement. Each Party may change its Project Manager, from time to time, by written notice to the other Party.
- 27.2 **Dispute Resolution.** Any dispute arising under this Agreement shall be the subject of good-faith negotiations between the Parties. Each Party shall designate one or more representatives with the authority to negotiate the matter in dispute for the purpose of participating in such negotiations. Unless a Party identifies exigent circumstances reasonably requiring expedited resolution of the dispute by a court or agency with jurisdiction over the dispute, any dispute that is not resolved through good-faith negotiations after a negotiation period of not less than thirty (30) days may be submitted by either Party for resolution to a court or to an agency with jurisdiction over the dispute. Notwithstanding the foregoing, any dispute arising under this Agreement may be submitted to non-binding arbitration or any other form of alternative dispute resolution upon the agreement of both Parties to participate in such an alternative dispute resolution process.
- 27.3 <u>Compliance with Law</u>. Each Party shall comply, at all times, with all Applicable Requirements in connection with this Agreement and performance hereunder. Such compliance shall include, among other things, compliance with all applicable wage and hour laws and regulations and all other laws and regulations dealing with or relating to the employment of persons, and the payment of contributions, premiums, and taxes required by such laws and regulations. For the avoidance of doubt: neither Party shall be required to undertake or complete any action or performance under this Agreement that is inconsistent with such Party's standard safety practices, its material and equipment specifications, its design criteria and construction procedures, its labor agreements, Good Utility Practice and/or any Applicable Requirement(s).

- 27.4 **Form and Address.** All notices, invoices and other communications from either Party to the other hereunder shall be in writing and shall be deemed received (i) upon actual receipt when personally delivered, (ii) upon acknowledgment of receipt if sent by facsimile, (iii) upon the expiration of the third (3rd) business Day after being deposited in the United States mails, postage prepaid, certified or registered mail, or (iv) upon the expiration of one (1) business Day after being deposited during the regular business hours for next-day delivery and prepaid for overnight delivery with a national overnight courier, addressed to the other Party. Each Party may change its address by giving the other Party notice thereof in conformity with this Section. Any payments made under this Agreement, if made by mail, shall be deemed to have been made on the date of receipt thereof.
- 27.5 <u>Exercise of Right.</u> No failure or delay on the part of either Party in exercising any right, power, or privilege hereunder, and no course of dealing between the Parties, shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power, or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, power, or privilege.
- 27.6 <u>Headings</u>. The descriptive headings of the several Articles, sections, and paragraphs of this Agreement are inserted for convenience only and do not constitute a part of this Agreement. Such headings shall not in any way define or affect the meaning, construction, or scope of any of the provisions hereof.
- 27.7 <u>Incorporation of Schedules and Exhibits.</u> The schedules, attachments and exhibits referenced in and attached to this Agreement shall be deemed an integral part hereof to the same extent as if written in whole herein. In the event that any inconsistency exists between the provisions of this Agreement and any schedules, attachments or exhibits attached hereto, the provisions of this Agreement shall supersede the provisions of any such schedules, attachments or exhibits.
- 27.8 **Prior Agreements; Modifications.** This Agreement and the schedules, attachments and exhibits attached hereto constitute the entire agreement between the Parties with respect to the subject matter hereof, and supersede all previous understandings, commitments, or representations concerning such subject matter. Each Party acknowledges that the other Party has not made any representations other than those that are expressly contained herein. This Agreement may not be amended or modified in any way, and none of its provisions may be waived, except by a writing signed by an authorized representative of the Party against whom the amendment, modification, or waiver is sought to be enforced. The Project Managers shall not be authorized representatives within the meaning of this Section.

- 27.9 <u>Severability</u>. Whenever possible, each provision of this Agreement shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision hereof shall be prohibited by, or determined to be invalid under, applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provision or the remaining provisions of this Agreement.
- 27.10 <u>Nouns and Pronouns</u>. Whenever the context may require, any pronouns used in this Agreement shall include the corresponding masculine, feminine, or neuter forms, and the singular forms of nouns and pronouns shall include the plural, and vice versa.
- 27.11 <u>No Third Party Beneficiaries.</u> Nothing in this Agreement is intended to confer on any person, other than the Parties, any rights or remedies under or by reason of this Agreement.

27.12 Validity; Required Regulatory Approvals.

(a) Each Party hereby represents that the provisions of this Agreement constitute valid and legally binding obligations of such Party and are enforceable in accordance with their terms.

(b) Subject to Section 23.3 of this Agreement, the obligations of each Party under this Agreement are expressly contingent upon (i) each Party receiving all licenses, permits, permissions, certificates, approvals, authorizations, consents, franchises and releases from any local, state, or federal regulatory agency or other governmental agency or authority (which may include, without limitation and as applicable, the NYISO and the NYPSC) or any other third party that may be required for such Party in connection with the performance of such Party's obligations under or in connection with this Agreement (the "Required Approvals"), (ii) each Required Approval being granted without the imposition of any modification or condition of the terms of this Agreement or the subject transactions, unless such modification(s) or condition(s) are agreed to by both Parties in their respective sole discretion, and (iii) all applicable appeal periods with respect to the Required Approvals having expired without any appeal having been made or, if such an appeal has been made, a full, final and non-appealable determination having been made regarding same by a court or other administrative body of competent jurisdiction, which determination disposes of or otherwise resolves such appeal (or appeals) to the satisfaction of both Parties in their respective sole discretion.

(c) Subject to Section 23.3 of this Agreement, if any application or request is made in connection with seeking any Required Approval and is denied, or is granted in a form, or subject to conditions, that either Party rejects, in its sole discretion, as unacceptable, this Agreement shall terminate as of the date that a Party notifies the other Party of such denial or rejection, in which event the obligations of the Parties under this Agreement shall cease as of such date and this Agreement shall terminate, subject to Customer's obligation to pay Company in accordance with the terms of this Agreement (including, without limitation, Section 21.2 hereof) for all Company Reimbursable Costs. All of the Company's actual costs in connection with seeking Required Approvals shall be included within the meaning of the term Company Reimbursable Costs and shall be paid for by Customer.

27.13 <u>Notices</u> All formal notices, demands, or communications under this Agreement shall be submitted in writing either by hand, registered or certified mail, or recognized overnight mail carrier to:

To Customer: David Fingado Manager, Capital Delivery RG&E

To Company: Mr. William Malee Director, Transmission Commercial Niagara Mohawk Power Corporation d/b/a National Grid 40 Sylvan Road Waltham, MA 02451 (781) 907-2422

27.14 <u>Counterparts</u>. This Agreement may be executed in multiple counterparts, each of which shall be considered an original. The exchange of copies of this Agreement and of signature pages by facsimile or other electronic transmission (including, without limitation, by e-mailed PDF) shall constitute effective execution and delivery of this Agreement as to the Parties and may be used in lieu of the original Agreement for all purposes. Signatures of the Parties transmitted by facsimile or other electronic means (including, without limitation, by e-mailed PDF) shall be deemed to be their original signatures for all purposes.

[Signatures are on following page.]

IN WITNESS WHEREOF, each Party has executed this Agreement by its duly authorized representative as of the Effective Date.

ROCHESTER GAS & ELECTRIC CORPORATION

By: Name: MARK 5 LYNCH Title: PRESIDENT 4CED

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid

Name: William L Malee Title: Director – Transmission Commercial

LIST OF EXHIBITS

Exhibit AScope of WorkExhibit BProjected Milestone ScheduleExhibit CInsurance RequirementsExhibit DCost Breakdown

Exhibit A: Scope of Work

COMPANY shall perform the following Work under this Agreement:

- 1. Design, engineer, procure, construct, test and place into service the new Company-owned and/or operated facilities, and the modifications to existing Company-owned and/or operated facilities, as contemplated in the "STATION 251 & CIRCUIT 901 PROJECT DESCRIPTION" attached as <u>Annex 1</u> to this Exhibit.
- 2. Design, engineer, procure, construct, test and place into service the new Company-owned and/or operated facilities, and the modifications to existing Company-owned and/or operated facilities, to upgrade the Mortimer Substation to allow it to handle 400 MVA Summer normal and 640 MVA long time emergency ("<u>LTE</u>") rating due to the re-conductoring of line 901 (line 901 is being upgraded by Customer to 2-1192.5MCM ACSR Bunting conductors.) This upgrade would include, without limitation, replacing Circuit Breaker R104, disconnect switches SW100, 102 and 106, and upgrading the bus work to a 3000 amp rating, modifying the 115kV take off structure to handle the new 2-1192.5 conductors on line 901, and replacing the bushing potential device with a CVT, all as more specifically referenced in Technical Scope Document for Substations "Mortimer Protection and Station upgrades for line 901 re-conductoring" attached as <u>Annex</u> <u>2</u> to this Exhibit.
- 3. Perform engineering review and field verifications as required on the facilities referred to in Paragraphs 1 and 2 of this Exhibit.
- 4. Prepare, file for, and use commercially reasonable efforts to obtain any Required Approvals that must be obtained by Company to enable it to perform the work and any other of its obligations contemplated by this Exhibit and this Agreement.
- 5. Inspect, review, witness, examine and test, from time to time, Company's work contemplated herein and conduct other project management, administration and oversight activities in connection with the work contemplated by this Exhibit.
- 6. Review, from time to time, permitting, licensing, real property, and other materials relating to the work contemplated herein.
- 7. Retain and use outside experts, counsel, consultants, and contractors in furtherance of the work contemplated herein.
- 8. Perform any other reasonable tasks necessary or advisable in connection with the work contemplated by this Exhibit (including, without limitation, any changes thereto).

For the avoidance of doubt: the Company shall not have any responsibility for seeking or acquiring any real property rights in connection with the Work or the Project including, without limitation, licenses, consents, permissions, certificates, approvals, or authorizations, or fee, easement or right of way interests. Neither this Agreement nor the Company's Work include securing or arranging for Customer or any third party to have access rights in, through, over or under any real property owned or controlled by the Company.

NOTE: COMPANY's specifications for electrical requirements referenced for this Agreement include: ESB-750; ESB-752; ESB-755 and ESB-756, Appendix A as such may be amended, modified and superseded from time to time. See:

https://www.nationalgridus.com/niagaramohawk/construction/3_elec_specs.asp

Annex 1 to Exhibit A

STATION 251 & CIRCUIT 901 PROJECT DESCRIPTION

Mortimer Station-RG&E Line 901 Re-conductor protection and R104 upgrades

Project Funding Number: C056410

Work order number: 10017980563

Link to documentum:

http://docuweb3:8080/webtop/drl/objectId/0b0017c3805b73c8

Mortimer Line 901 Technical Scope Document 12/17 tech review meeting comments

- Added no thermal limiting component statement
- Section 1.5.6 deleted Syracuse
- Section 3.1.1 added statement that around grid analysis not substantially impacted by circuit breaker change out
- Section 4.9 added reference to replacing surge arrestors per SMP 419..01.2 by Substation Maintenance
- Section 4.4.1 changed hook stick switch SW102 gang operated
- Section 2.9.2 change structure for switch SW102 and 106 to accept gang operated switch (make box structure)
- Section 10.2.2 and 10.2.3 deleted
- Section 14.1.3 added switch SW 100 to list of retirements
- Section 16.12 change the date of EDC to 12/15 one-month delay also changed line item 17, 18, 19 and 21 to 12/15.
- Section 16.7 C &I section added item number 7 HMI annunciator and item number 8 Telebyte communication signal converter.
- Attachment #7 updated to add SAM 900 HMI

Annex 2 to Exhibit A

Technical Scope Document for Substations (Mortimer - Protection and Station upgrades for line 901 re-conductoring)

nationalgrid	ENGINEERING DOCUMENT Procedure: General – Substation Design	Doc. # PR.02.00.018 Page 1 of 3
in the second	Technical Scope Document for Substations	Version 4.0 - 04/18/14
Application	Mortimer – Protection and Station upgrades for line 901 re-conductoring	Version 1.0 - 12/17/14

INTRODUCTION

This procedure describes the technical scope for substations. It includes approval, summary, and technical sections.

PURPOSE

The purpose of this procedure is to define the technical scope for substations.

ACCOUNTABILITY

This procedure applies to all National Grid personnel involved with the technical scope for substations.

COORDINATION

Coordination shall occur with the project team members.

REFERENCES

Project Management Playbook

PR.02.00.012 - Preliminary Engineering Checklist

DEFINITIONS

C&I - Control and Integration

N/A - Not Applicable

SED - Substation Engineering and Design

TSD - Technical Scope Document for Substations

U/G - Underground

TRAINING

Project Management Playbook Training

SED Personnel -- as needed / when revised per PR.01.00.007 -- Subject Matter Experts

NOTE: Changes to this procedure may affect PR.02.00.012 - Preliminary Engineering Checklist

PRINTED COPIES ARE NOT DOCUMENT CONTROLLED.		
FOR THE LATEST AUTHORIZED VERSION PLEASE REFER TO	THE APPROPRIATE DEPARTMENT WEB	SITE OR DOCUMENTUM.
FEEPR.02.00.018 TECHNICAL SCOPE DOCUMENT FOR SUBSTITUTIONS APP FILE MONTHER - PROTECTION AND STATION (MORADES FOR UNL 001 AR-CONDUCTORING	ORIGINATING DEPARTMENT: SUBSTATION ENGINEERING AND DESIGN	SPONIOR JOHN E GRVW

national grid	ENGINEERING DOCUMENT Procedure: General – Substation Design Technical Scope Document for Substations	Dec # PR.02.00.018 Page 2 of 3 Version 4.0 – 04/16/14
Application	Mortimer - Protection and Station upgrades for line 901 re-conductoring	Version 1.0 - 12217/14

REVISION HISTORY

Version	Date	Description of Revision
1.0	05.06.00	Initial Version of Botument,
2.0	1,0120409	Converted decovers to see formed.
		(Duriged) the hour Testmical Requirements for Extentionant to Technical Bodge Recallements to Substational
		Changed (Technical Recurrenterts: for "In header to "Application"
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		Added Section 2.1.4 Revised Section 2.4.1
		Revised Section 2.4 2.0
		Review Section 24.3 c
		Revised Section 24.3.3
		Revised Section 2.4.3.0
		Reviews Section 24.3.5
		Reward Section 2.4.3.8
		Revised Section 2,4,3,1
		Revned Section 2.4.4.c
		Reviews Section 2.4.6.0
		Hereast Section 2.4.4.5
		Revised Section 2.4.4.4
		Revised Section 2.4.43
		Heward flection 2.4.5.c
		Nerved Section 2.4.5.d
		Revenue Section 2.4.0.0
		Hewsell Section 2.4.5.h
		Reviewal Berchan 24.5.4
		Revises Section 2.4.5.4
		Newmed Section 2.4.0-5
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		Revised Section 2.4.6.
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		Reviet Settion 2.6
		Revised Section 2.7
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		Hereinet Section 2,10
21	2/18/19	Changed the front "Restmant Sector Regularisants for Substations" to "Technical Reconstituants for
		"Automations"
		Added a check hos stating. This project molives a change to the conductor size/thermal rating or
		equipment rating in the Transmission Facility (NE: 60 KV and above; NV: 115 KV and above)," on
		page 3. Removed Document Number, "Procedure, General – Substation Design", version and data reviews
		of FR.02.00.016, and "Application" in Insider of coopinalities in the 4" prop.
		Table of Contents micrometric after the Approximation sectors
		Assed Sectors 1.3 Safety By Design
		Added Attachment #1 Project Schedule
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Technical Scope

for

Mortimer - Protection and Station sugrades for line 901 re-conductoring

Order No. 10017980563 Company No. 5210 - Niagara Mohawk Power Corp.

Order No. ____ Company No. ____

Prepared By: Tom McMahon

Vernier: 1.0 Date: 12/17/14

Check the following:

This Technical Scope Document has been presented and approved at the Engineering Review Meeting dated 12/10/14.

This Technical Scope Document is not required to be presented at the Engineering Review Meeting because it meets at least one of the following:

- + It a crie for one assitt replacement.
- · Is a substation retirement
- · is estimated to be \$250% or less
- Preliminury Engineering Checklist (PR.02.00.012) completed and available in Documentum in occordance with PR.09.01 (J.IB – Documentum File Structure Job Aid.
- Environmental Guidance Form completed 10/30/14 and available in Documentain in accordance with PR.00.01.0JB – Documentum File Structure Job Aid.
- This project involves a change to the conductor size / thermal railing or equipment railing in a Transmission Facility (NE: 60 kV and above; NV: 115 kV and above).

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Roles and Responsibilities: Instructions for completion of the Technical Scope Document

COVER PAGE

To be completed by the Tochnical Lead and routed for approval.

APPROVALS

Technical Scope Document is to be approved by the Project Team prior to the Engineering Review Meeting. The Functional Mesager(s) review the Technical Scope Document at the Engineering Review Mooling. Based on the meeting, the Technical Load is to forward the Technical Scope Document for Engineering Management Approval.

SECTION 1

To be completed by the Technical Lead

ALL OTHER SECTIONS

To be completed by the Engineering learn including the Technical Land.

The Technical Load will take the lead on coordination and assembly of the technical section, and of its presentation for approval by the Engineering Management Review Committee. After approval, the Technical Load will forward it to the Project Manager for exclusion in the Project Management Plan and file a copy in the Documentation project folder in accordance with PR 09.01.036 – Documentum File Structure Job Aid.

The Project Manager will coordinate and answerble the Project Management Plan.

NOTES:

- This red tout in this template is guildance text for development of the Technical Scope Document content. When creating a TSD, replace the guidance text with project specific detail and change the text color to black.
- 2. Group Classification numbers rater to the second and fluid group of characters that define the policies, procedures, specifications, and standards microant to a particular pince of equipment or process. This group classifications can be found in PL.01.00.002 Classification and Numbering. The inclusion of the group classification is to aid in researching distalls for the particular topic.
- N/A Primary Electrical Scope Voltage Levels that are not needed. Recommend placing N/A in the section header (PRIMARY ELECTRICAL SCOPE – VOLTAGE LEVEL 3 (N/A)) and delete its associated subsections.
- Cines completed with the Technical Scepe Document update the table of contents, expectally if sections were NAVd.

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APPROVALS

The following are the project learn member approvals. (Check each that apply.)

Substation Technical	The McMatter	12/10/14
Lond Approvid	Tom McMahon	Date
Substation Civil / Structured	They Cannot	13/10/14
Engineer Approval	Tim Guzzo	Dato
Control & Integration	Jones Ground	22/10/24
Engineer Approval	James Gammell	Date
Motor	auf em	12/70/14
Engineer Approval	Public Politic	Date
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Engineer Approval	Ross Kennedy	Dato
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	Sector Internet Sector	
Substation O&M Services	State Black	12/10/14
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Engineer Approval	Churle Hildwigs	Dalo
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Protection Engineering	Nat Smin	32/38/24
Manager Approval	Mark D Stanton)	Date
Substation Engineering	Daniel M. Erichard	12/14/2014
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1.0 SUMMARY

1.1 Introduction

The scope for this project is broken up late two (2) phases. Phase 1 is to upgrade the Line 101 protection, controls and communication at National Grid's Mortimer Substation. Line 901 is carrently a three-terminal 115 kV line encompassing RG&E Station 25, RG&E Station 33 and National Grid Mortimer. The 115 kV line currently connects to the 115 kV. Bits at Mortimer via Circuit Branker R104. The Line 901 segment between RG&E Station 33 and Mortimer will be keeped into the new RG&E Station 251, via separate breatine and a-ball positions, thus, creating a new two-terminal segment between one Station 251 and Mortimer. Relay upgrades at Mortimer are required to make the protection compatible with the Line 904 protection to be installed at the new RG&E Station 251 remote terminal.

Prove 2 of the project is to upgrade the Mostimer Substation to be able to handle 400 MVA summer commat and 640 MVA king time emergency (LTE) due to the re-conductoring of line 901. Line 901 is being upgraded by RG4E to 2-1192 SMCM. ACSR Bunting conductor. The scope at Mostimer Substation for phase 2 includes replacing Circuit Breaker R104, disconnect switches SW102 and 106, and bus work to a 3000 amp railing. Also the 115kV take of structure will be modified to handle the new 2-1192.5 conductor on line 901. In addition the brashing potential device will be replaced with a CVT.

This project connects transmission thermal limiting components. So once these modifications are installed there will be no thermal limiting components at this station in support of the current RGSE proposed modifications.

Mortimer Substation is located in the Western Division, part of the Gamme Region at 1430 Brighton Heriotta Townline Road Brighton, NY.

The relevant report references are listed before:

- 1. RO&E SPR-1258 Station 23 now 115kV source Revision 1 (12/2/13)
- Montener Substation site meeting notes (6/23/14).

1.2 Sibe Salety

Standard safety procedures will be observed. During the installation of this station project, work will be performed near energized 115 kV and 13.2kV bases. Personnel need to be insure of this condition and exercise caution by establishing work area protection, performing job briefings, and wearing the appropriate personal protective equipment. All National God employment contractor(s) working on this project need to follow all company, and OSHA safety rules, they should also refer to the "Employee Safety Hand book".

Safety by Design (Group Classification 02.00)

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	3.1	There are a significant number of underground facility effort has been trade to locate all underground cond assure that the design provides for the indication as underground facilities where possible, to preclude an digging for the project.	fulls, thict banks, etc. an d avaidance of the
1	32	The existing Substation ground grid was analyzed, be added to the area where the new circuit breakers existing ground grid will be upgraded as shown in grid his project.	are being installed. The
1,4 Ame	cialist	Work (Group Classification 02.00)	
	4.1	The associated transmission line work by RG&E to a	e-conductor line 901.
1	42	The associated station work to install protection, con significant at RG&E Station 82.	ttols and communication
1	43	The associated work to install a new substation RG8	IE Station 251,
1.5 Engr	nearing	a & Design Delivery	
1	5.1	Project Management will provide overall project man	Woerneni
4	52	Sebatation Engineering and Dosign New York will m and design.	anago final engineering
1	5.3	Protection Engineering New York will provide all rais associated supporting calculations.	ry mittings and parform i
3	.5.4	Substation west will provide tosting and commission substation equipment, unless specified otherwise (in manufacturer or manufacturer's representative).	ing services on sill a, to be performed by th
	55	Substation Work Methods will oversee and direct the equipment.	souting of power
1	5.6	Protection and Tolecom Operations will install relay leading and will provide control and protection system 400.00.2 - Substation Commissioning and Emergiza	n Histing per SMP
	57	Equipment and material will be precised by National	
	58	External contractor will be providing construction ser	
			vices.
4	5.9	Nelional Grid Standard Construction Specification to SP 08.00.001, shall be utilized for all construction de	e Eléctrio Stations,
			e Elisotop Stations; italis, utaga in order to mainta is anticipated that work

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1.6 Assumptions, Exceptions, and Risks

- 1.6.1 Edward contractor will be providing construction services.
- 1.5.2 Material Grid Standard Construction Specification for Electric Stations, SP 08 00 001, shall be ulikzed for all construction details.
- 1.6.2 The gentectinical and soil resistivity reports were completed prior to submission of this Technical Scope Document.
- 1.6.4 The transmission thermal ratings will be changed by this modification and transmission planning will have to make the proper notifications to the NYISD as per TGP26 and GP-16 procedures.

2.6 CIVIL / STRUCTURAL SCOPE

- 2.1 Site Work (Group) Classification (3.01).
 - 2.1.1 The work will be confined to the existing station fenced yard and right of way. No station expansion to the existing station fenced yard / right of way are required.
 - 2.1.2 Of containment will be not be required for the new circuit breaker.
- 2.2 Fancing (Group Classification 03.05)

221 NA

- 2.3 Flood Risk (\$1.02.00.004)
 - 2.3.1 The station is located in Zone X, referencing panel FM36055C0332G. Zone X is an area that has been determined to be outside the 0.2% annual charce floodglain, and therefore outside the 500 year floodglain. Therefore, no flood mitigation will be required.
- 2.4 Foundations (Group Classification 03.03)
 - 2.4.1 Re-use lourdations for the equipment listed below:
 - The mosting foundation at R104 is to be re-used and/or repaired due to cracking.
 - Reuse the consting foundation for the existing steel take-off structure.
 - A new foundation for the 115kV CVT stand.
- 2.5 Walls (Group Classification 03.03)

2.5.1 N/A

2.6 Cable Trench (Group Classification 04.15)

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- 2.7 Oli Containment (Group Classification 03.01)
 - 2.7.5 Additional oil containment is not required for this time
- 2.8 "SPCC" Plan (PL.01.00.004 & 000)
 - 2.8.1 According to the SPGC plan there have been no historical interases subject to SPGC importing requirements at this substation. Requirements for SPCC regulated facilities are identified in the Code of Federal Regulations (CFR). In Title 40, Part 112.
 - 2.5.2 The existing SPCC plan will be revised to remove the applicable R104 oil volume.
- 2.9 Structures (Group Classification 03.02)
 - 2.9.1 Mortimor disconnect switches are all mounted on the existing steel structures: The switch mounting structures will be evaluated for the added size and weight. New mounting plates will be designed for the 2000 amp switches. The proper clearances will be analyzed as part of final design.
 - 2.9.2 Switch structures for SW102 and 106 will be modified to accept garg operated disconnects.
 - 2.9.3 The excelling stractural supports will be evaluated for the new loading of the new 2, 1192.5 Conductors.
- 2.10 Prin engineerind (site built) Buildings (Group Classification 03.04)

2101 NIA

2.15 Factory Fabricated Control / Equipment Enclosures (Group Classification 03.04)

2311 N/A

232 Environmental

3.0 PRIMARY ELECTRICAL SCOPE - GENERAL

- 3.1 Ground Grid (Group Classification 04.12)
 - 3.1.1 As a result of changing cid the circuit breaker the ground grid analysis will not be substantially impacted. The ground grid will be modified 0 necessary based on the final dosign review of the station grounding.
 - 3.1.2 New disconnect switches, and circuit breater will be grounded according to the Notional Grid Standard ST.04.12.003 Substitute Grounding.

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^{2.12.1} According to the NYSDEC Environmental Resource Map there are no State wetlands, rare plants, or rare animals in the innectiate area of the station.

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- 3.1.3 All the cable terminations and cable grounding will be done according to the National Grid Standard ST 64 (2):003.
- 3.2 Lightning Protection (Group Classification 04.14)
 - 3.2.1 The existing lightning protection coverage is adequate because the station footprivit has not changed.
- 3.3 U/G Outt Banks (Group Classification 84,15)

3.3.1 N/A

- 3.4 Conduits (Group Classification 04.15)
 - 3.4.1 Two (2) new 4" conduits will be rull from Station 82 to Mortimer for the new fiber optic communications catrle. One will be spare.
 - 3.4.2 New 4" conduits for control and power cables will be installed from the circuit breaker to the control house.
 - 3.4.3 A new 2" conduit will be tran from the CVT to the control house
 - 3.4.4 Conduit size and length will be re-continued during final engineering:
 - 3.4.5 Protection package A and B will be run in separate conduits in order to comply with NPCC bulk power directory 4 requirements.
 - 3.4.6 CT cable, power cable and control cable shall not be routed in the same conduit.
- 3.5 Indoor / Outdoor Lighting (Group Classification 04.11)

3.6.1 NIA

- 3.6 Low Vollage (600V) Power and Control Cables (Group Glassification 05.08)
 - 3.6.1 New control cables will be installed between the new 115M equipment and the control house.
 - 3.6.2 National Grid requires that all cables, cable sizes and cable types comply with standard ST.05.08.001 – Low Voltage Power, Control and Instrumentation Cable.
 - 3.6.3 The following circuits are not to be intermixed in the same cable:
 - 3.6.4 BC and control circuits including alarms (125VDC), #12 minimum
 - 3.6.5 CT circuits (5A), #10 minimum
 - 3.6.6 Communication circuits (Telephone, Carrier, and Fiber optics) as required
 - 3.8.7 Low Voltage AC station service and lighting circuite (less than 600VAC, 20 anips continuous, 75A momentary) as required.
 - 3.5.8 High Voltage Power (greater than 600VAC add/or above 20A continuous, 75A motivarilary) as required.

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- 3.5.9 Control cable quantity will be differmined during frost engineering.
- 3.7 Fiber Optic Cables (Group Classification 05.05)
 - 3.7.1 Install new fiber optic cable from Station 82 to Monaner Station for communications equipment. Use AFL Telecom cable specification DNA-30327 or equivalent.
 - 3.7.2 Use 1/141' diameter erange inner duct in the constat or trench and control house for the fiber installation to prevent domage to the fiber optic cable.
 - 3.7.3 Terminate fiber optic cable in ontch and spice panels with buildhead connectors.

4.0 PRIMARY ELECTRICAL SCOPE - VOLTAGE LEVEL 1 (115KV)

4.1 Power Transformer (Group Clausification 04.02)

4.1.1 N/A

4.2 Motal-Glad Switchgoar (Group Classification 04.05)

421 NIA

- 4.3 Circuit Interrupter (Group Classification 04.01)
 - 4.3.1 Replace GE type "FK" OF Circuit Breaker R104 with a 115kV 3000A (GKA SF6 Breaker per specification SP.04.01.002 46kV 345kV Power Circuit Breakers (SF6). The circuit breaker will have dual trip coils in order to comply with NFCC bills power directory 4 requirements. However Montimer does not have two battery sources and we will not most all the bulk power requirements. The station was not during of to most bulk power requirements.
 - 4.3.2 See section 9 for Revenue Metering CT requirements.
- 4.4 Disconnect Switches (Group Classification 04.09)
 - 4.4.1 Replace disconnect switches SW102 and 100 with 123kV 3000 amp group operated air brank, vettical brank switch per specification SP.04 09.001 Group operated cutooor air brank disconnect switch.
 - 4:4.2 Replace gang disconnect which SW100 with a 123kV 2000 whip group operated air break, vertical break which per specification SP 04.09.001 Group operated outdoor air break disconnect switch.

4.4.3

4.5 Capacitor Banks (Croup Classification 04.08)

4.5.1 NIA

4.0 Reactor (Group Clausification 04,13)

4.0.5 NIA

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- 4:7. Instrument Transformer (Group Classification 64.03)
 - 4.7.1 Reptace extering builting potential device with single phase 118kV CVT with 2 secondary windings with ratios of 1000/6001.
- 4.8 Line Traps / Turners (Group Classification 04.07)

4.8.5 N/A

- 4.9 Surge Arresters (Group Classification 64.19)
 - 4.9.1 The surge amentor will be evaluated by Station Maintenance for possible reglacement per SMP 419.01.2.
- 4.10 Voltage Regulators (Group Classification 04.04)

4.10.1 N/A

- 4.11 Primary Bus Work (Group Claudication 04.17).
 - 4.11.1 Replace the existing 3.5" IPS AL two with a 5" ISP AL two to ment 400MVA kind for summer normal and 640MVA for LTE.
 - 4.11.2 Replace existing strain bus 500 GU 37 STR with 2: 1250 GU 37 STR conductor
- 4.12 High Voltage USS Power Cable (>1000Volts)

4121 NA

5.0 PRIMARY ELECTRICAL SCOPE - VOLTAGE LEVEL 2 (N/A)

5.1 Power Transformer (Group Classification 04.02)

5.1.1 NIA

5.2 Meth) Clad Switchgtor (Group Classification 04.05)

521 NIA

5.3 Circuit Interruptor (Group Clausification 04.01)

5.3.1 NIA

5.4 Disconnect Switches (Group Classification 04.09)

54.1 NIA

5.5 Capacitor Banks (Group Clausification 04.08)

5.5.1 NA

5.6 Reactor (Group Classification 04.13)

5.6.1 N/A

5.7 Instrument Transformer (Group Classification 04 03)

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5.7.1 NA

5.8 Line Traps J Tunius (Group Classification 04.07)

5.8.1 NA

5.9 Surge Arresters (Group Classification 04,19)

59.1 NA

5.10 Voltage Regulators (Group Classification 64.64)

5,10.1 N/A

5.1.1 Primary Bus Work (Group Classification 04.17)

5.11.1 N/A

5.12 High Voltage U/3 Power Cable (>1000Volta)

5.12.1 N/A

6.0 STATION SERVICE SCOPE

- 6.1 DC Power (Group Etexal/Ication 05.06)
 - 6.1.1 The existing 250VDC station service will be used for tropping and closing control power of the new 110VV circuit breaker. Two separate breakers will be unliked for the two trip cods. The existing DC service is adequate to hundle the load.
- 6.2 AC Power (Group Climatilication 05.07)
 - 6.2.1 The existing 120/240VAC station service will be used for breaker compartment power, SF6 task beaters and cabiset lighting. The existing XC service is adopted for the additional heater lead.
- (8.3 Standby Generator (Group Classification 05.07)

6.3.1 NA

7.0 PROTECTION SCOPE

7.1 Protection Details (Group Classification 10.00, 10.01, & 10.02)

7.1.1 115KV LINE SOI PROTECTION:

This line protection was designed to work in conjunction with the line protection on two remote and at RC&E's new station 251 as defined in RC&E's proposal scope document.

The "A" protection will be provided by a Schweitzer 411L line differential may with back up step distance protection. It will communicate with station 251 via an existing fiber optic cable between the two stations. The 411L will interface

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with this fiber through G.E. JMUX communications aquipment. Elect Transfer Trip (DTT) transmit and receive will be utilized in this milly for Breaker Back. Up (BBU). A failed center breaker in station 251's breaker and half configuration will send DTT to Mortimur breaker B104. A failure of R104 of Mortimur for a bus section No. 1 taux or a fine 901 tauti will send DTT to plation 251. In addition to the 411L a Schweitzer 351-6 overcurrent relay will be used as an auxiliary tripping relay to trip R104 and drive the auto reclosing to lockout when DTT is received from station 251.

The "B" protection will be provided by a G.E. L90 line differential reby with back up step distance protection. It will communicate with station 251 via a new diverse direct liber optic cable to be installed between the two stations. This protection package, like the "A", will provide BBU and DTT. A Solweitzer 351-5 relay will be used for DTT receive hipping. Solh the primary and the secondary line differential and DTT schemes will be supervised "45" ON-GFF control switches.

Auto reciping of breaker R104 will be accomplished with a Schweitzer 351-9 overesiment roley. It will be programmed to mimic the existing electromechanical scheme and will operate on live bus/dead-line or synch check. It will also be incorporated into the existing bus protection "Stat" scheme and will be driven to lock out for a failure of breaker R104 and DTT receive. The oxisting breaker R104 is equipped with a bushing potential device on the line side that is used for auto reclosing and synch check. R104 is being replaced, therefore a new single place 606V -115V CVT will be installed in place of the bushing potential device and brought to the new reclosing roley.

8.8 CONTROL AND INTEGRATION SCOPE

- 8.1 Control and Integration Details (Group Classification 05.01, 05.03, & 05.10)
 - 8.1.1 Energy Management System
 - a. Control and Trip / Close status monitoring of R154 will be maintained on R7U1. Reclosing control and status monitoring for R104 will be added to R7U1. Analog Internetry will continue to be monitored through R7U2. All now relaying alarms and status points will be added to R7U2.
 - b. A new SEL-2032 communications processor will be added to facilitate both status monitoring for the new relays as well as fault record retrieval. This device will be connected via Ethernet back to the existing Carretoon. DX900 gatewing device to allow number access through the Crossbow system. This new SEL-2032 will connect to the RTU via OVP3 by connecting to the existing RS485 network associated with the existing SEL-

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2020 devices. A coaxial connection between the SEL-2032 and the Arbiter GPS clock is also required.

c	A new ASE SAM 900 HMI will be installed to perform local annunciation.
	The old annunciator will be removed from panel 3F. All alarms that are
	repeated to the RTU from this old annunciator will now be run directly to the
	RTU: A pair of new Telebyte RS232 to RS485 converters will be installed
	to facilitate traffic between the new HMI and the RTU: Power for the
	converter located within the SAM cabinet will be provided by the SAM 12v
	power supply.

- d. The new JMUX trouble alarms will be ganged together and connected to RTU2.
- All RS-485 networks shall be terminated at both ends with 120Ω resistors to eliminate reflections on the line.
- The RTU Points List tables in the Attachments Section contain the EMS points that will be required on both RTU1 and RTU2 at Mortimer Station.
- g. The overall connection scheme for the RTU and IEDs is shown in the Mortimer Station RTU Visio Diagram in Attachments Section.

8.1.2 Panel Metering

a. The existing Bitronics panel meter for R104 will remain as is, returning analog quantities to RTU2. Additional analog monitoring will be maintained through the existing lon revenue meter.

8.1.3 Control Switchboard

- a. An RE-01 dual trip coll control switch will be provided for the new circuit breaker. This control switches will be installed in the relay panel for R104 and will provide local and remote status and control functionality for trip (open)/close.
- b. An RE-43A/M switch will be provided for the new R104 circuit breaker. This switches will be installed in the relay panel for the breaker and will provide local and remote status and control functionality for Reclose auto / manual within the breaker. A site visit will be used to determine exact placement for the larger RE-43A/M switches during final design.
- c. All test switch designations and model configurations listed in the Control & Integration Material List may require modification during Final Engineering and Design to best accommodate the switchboard panel and equipment layout of the final station design.

9.0 REVENUE METERING SCOPE

9.1 Revenue Metering Details (Group Classification 05.09)

9.1.1 Now circuit breaker CT's must be of revenue grade or +/-0.3% accuracy.

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FILE PR. 02.00.018 TECHNICAL SCOPE DOCUMENT FOR SUBSTATIONS APP FILE: MONTIMER - PROTECTION AND STATION UPGRADES FOR LINE 801 RE-CONDUCTORING	OFCONATING DEPARTMENT SUBSTATION ENGINEERING AND DESIGN	SPONSOR JOHN E. GAVIN

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8.1.2 Revenue meloring CTs must be recognized by the NYS Department of Public Service - Approved Moler List 6/30/14.

10.0 COMMUNICATIONS SCOPE

- 10.1 Communications Details (Group Class Fication 05.05)
 - 10.1.1 General: The Telecom related work to be performed at Martimer includes that following
 - Install a new 72 strand Ster optic cable between Mortmer and RG&E Station 82
 - Install a row 72 strand liber optic cable between Montmer and RGAE Station 251
 - Iostall a new equipment cabinet to house JMUX equipment for communications to support protection circuit

10.1.2 Conduits: The following to be provided:

- Two (2) 4" schedule 85 conduits to the subidation tence will be needed to provide a pathway for the 72 strand fiber optic cable between Montmer and RG&E Station 52. RG&E will be responsible for placing and terminating the fiber optic cable. One spate for future use.
- 2. One (1) 4" schedule 30 conduit from control house to Breaker R104 bay line 901 termination structure to circular AFL splice can for the 72 strand fiber optic cable listween Montimer and Station 251 via time 901 OPGW. RG&E will be responsible for placing and terminating the fiber optic cable.
- 10.1.3 Fiber Optic: Two (2) fiber optic patch panels in Mortimer Control House, provided by RG&E, will be provided for the termination of the (2) 72 strand fiber optic cables, one for Station 82 and one for Station 251. The fiber optic cables will be terminated by RG&E.
- 10.1.4 Power: The following electrical circuits are to be provided
 - 1: Two (2) 130VDC circuit is needed to the RGAE Equipment
 - 2. One (1) 120VAC circuit is needed to the RG&E Equipment

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10.1.5 Add one JMUX OC-48 shell, provided by RG&E, mounted in the RG&E equipment cabinet. The JMUX will connect to the new 72 strand filter optic cable and become part of the RG&E SONET Ring.

10.2 Crout Requirements:

- 10.2.1 Protection:
 - Relay communications for the primary Line 901 protection current differential and DTT schemes will be through the JMUX
 - Is Relay comms for the Line 901 secondary Line 901 protection current differential and DTT schemes will be direct liber optic interconnections to the RG&E fiber optic patch panel.
- 10.2.2 Security: None

10.3. Attactiment #0 tal additions, changes or modifications to the Communications system.

11.0 MISCELLANEOUS SCOPE

11.1 Site Security (Group Classification 02.04 & 03.04)

11.1.1 N/A

11.2 Animal Intrusion Protection (Group Classification 64,18)

11.2.1 N/A

- 11.3 File Alient / File Protection (ST 02.00.004)
 - 11.3.1 N/A
- 11.4 Insulators and Ssinge Armsters
 - 11.4.1 During line 901 outage the old brown insulators should be replaced and upgraded to the new standard under the direction of the O&M Englineer.
- 11.5 Steel Structure painting

11:5.1 NIA

12.0 TEMPORARY FACILITIES / MOBILE TRANSFORMER SCOPE

12.1 Temporary Facilities

12.1.1 N/A

12.2 Mobile Transformer

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12.2.5 NA

13.0 SPARE PARTS

13.1 Spare Parts Details

13.1.1 Substation O&M Services project team momber will identify and order all required spare parts.

14.0 REMOVALS AND RETIREMENTS SCOPE

14.1 Removals and Refirements Details

- 14.1.1 Existing R104 of circuit breaker will be removed and will be send to investment recovery.
- 14.1.2 Two (2) existing hook stick disconnects 102 and 106 and the associated steel structures will be removed and sent to investment recovery.
- 14.1.3 One (1) gang operated switch SW100 will be removed and seel to investment recovery.
- 14.1.4 The entiting bus work 3.5" AL IPS bas tube and copper strain bus will be removed and sent to investment recovery.

15.0 REFERENCES

Document Number	Sheet	Revision	Document Title
C22305W	2	32	Single Line Diagram
G10435W	1 1	- 21	Conduit Plan
C31690W	1.2	- 3	R104 GE OCB lyps FK
D61887W	2	7	EMS point auxignments
C22206W	1	7	literconnection diagram R104 OCB
G22474W	10	14	Planet 12F time 901 R104
C22274W	28	6	Elementary wiring diagram Line 901 OCB R164
C16753W	1	14	Electric assembly plan
STAD Meetimer	1,2	2	Operating Olagram
SPR-1258	- 14	X	RG&E Station 23 new 115kV source from Mortlinet Technical requirementa

Note: This is a compliation of documents used to develop the Technical Scope ONLY. It is not an all inclusive list of references or list of drawings affected for Stop 28. Final Engineering and Dasign

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16.0 LIST OF ATTACHMENTS

Attachment #1, Existing operating diagram

Attachment #2: Proposed one-line diagram reflecting the project additions / removals

Attachment #3: Preliminary Protection Single Lines sheet 1

Attachment #4: Preliminary Protection Single Lines sheet 2

Attachment #5: Photography

Attachment #6: Profiminary Protection Relay List

Attachment 97: Preliminary C&I Equipment List

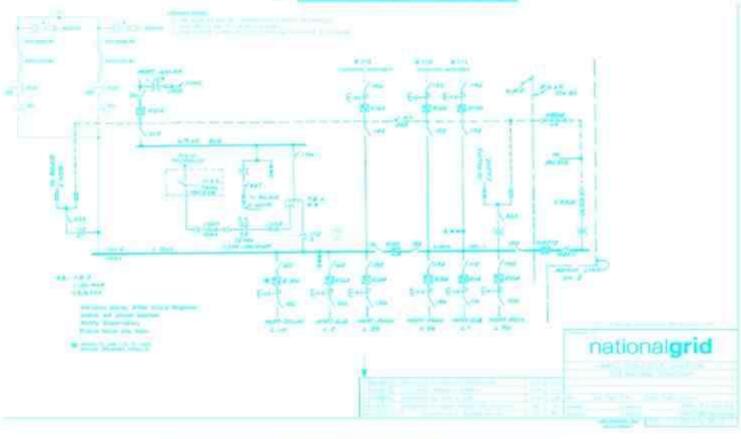
Attachment #8: Profitminacy Telecom Equipment List

Attachined #9: Final Engineering and Design Millistone Schedule

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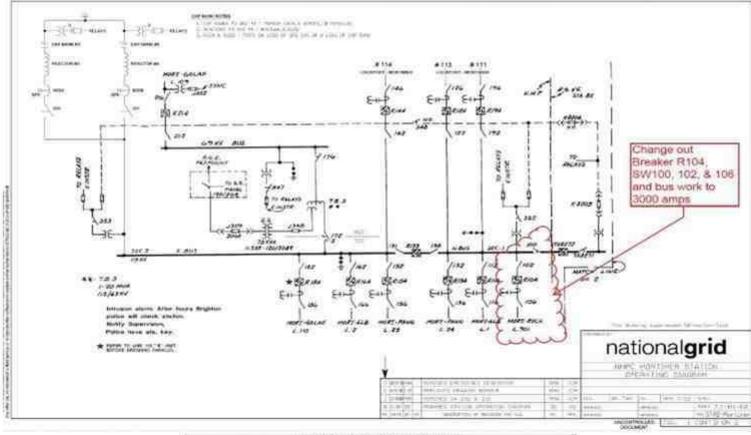
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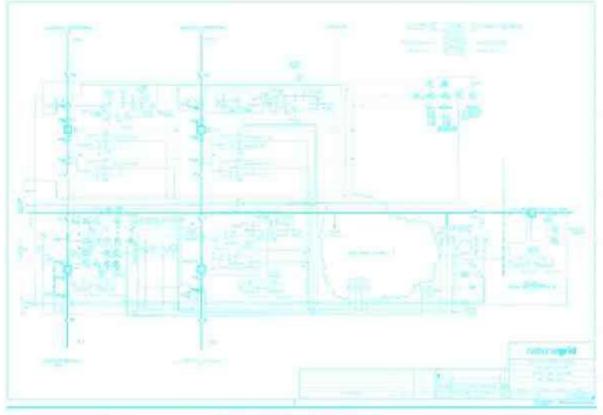
16.2 Attachment #2: Proposed One Line / Operating Diagram



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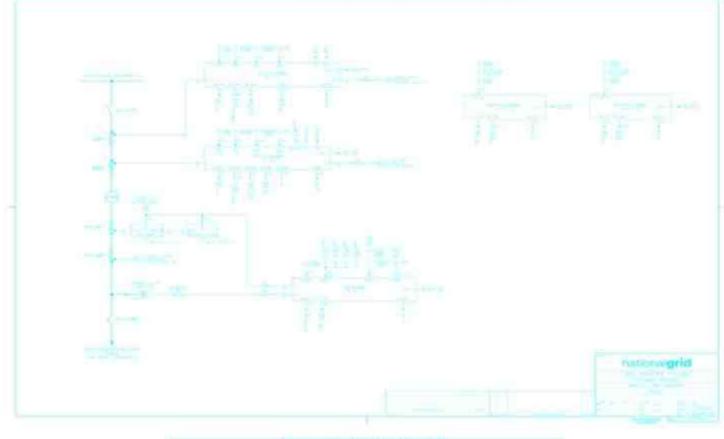
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16.5 Attachment #5: Photographs

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Pic 2 disconnect switches 102 and 106

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(International International I	ANSVIEE Design Designation	Quantity	Description Comments
	Mor	linier	Line 901 PROTECTION
	0TL&/LN901	*	Schweitzer: SEL-411L Line Differential Relay. Part No: 0411L1X0X5C6C0XH5E676XX Xey Code: 8302 SU Hostrontal Rack Mount 1257250 VDC Power Supply 250 VDC Control Voltage Additional VO Board 650nm multi mode IEEE C37.04 Fiber Interface
2	87LB/LN963	\$	G.E. L90 Line Differential Rolay Part No: N00-HKH-F8L-H6U-L6U-NXX-SXX-UXX-W7K Horizontal Rock Mount 125/250 VDC Power Supply 1300mm single mode, LASER, 2 Channel Fiber Intertace NOTE: This Relay MUST be ordered with the same Software Number as RG&E's relay or they will not work together!
	94TTALN01 94TTBLN01 79R104	2	Schweitzer: SEL-351-6 Overcurrent Relay Part No: 035163C4E562X1 Key Code: 6141 30 Northrontal Rack Mount 125/250 VDC Power Supply 250 VDC Control Voltage Additional VD Board
	40TTALN901 40TTBALN901	2	G.E. ON-OFF Switch, Type SBM Part No: 165BMF2A0851A3V1 6-Stage, 2 Position Flood Oval Handle Nameplate Engraving: OFF – ON Escutchison to read "TRANSFER TRIP"
2	43/87LALN901 43/87LBA.N901	2	G.E. ON-OFF Switch, Type SBM Part No. 16SBMF2A08S1A3V1 8-Stage, 2 Position Fixed Oval Handle Namoplate Engraving: OFF – ON Excutcheon to read "LINE DIFF"

56.6 Attachment #5: Preliminary Protection Relay List

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Note: The above many model numbers are subject to change to reflect current tertional Grid Standards in Step 28: Final Engineering and Dasign. The proposed model numbers must be reviewed by National Grid prior to placing an order.

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(0)	Reclose On Off Saindi RE-43A/M/R104	1.00	Series 24 Latching Switch Relay W ¹ Antonoxiatir Samplifie Model 4: 92PA02MQ Ratiog: 125Vpc Declar: 3 Enontcheon: Reclaming Switch - Manual/Auto
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а. 	Communications Cables SIEL-2032 to Robert Constal Cable for MIG-13	H B D	Mise. Social Califier htodels to be determined during first design
3	RS-485 Commission Colde	B	Belden 9842
	IUS232 IUS485 Transcriver SEL-2586	2	Schweiture Serial listerface Converter: SEL-2006 R5232 to R5485 conversion Port Powered

16.7 Attachment #7-1: Preliminary C&I Equipment List

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Item	ANSINEEE Device Designation	Guantity	Description Comments
1	<u>23×41</u>	1 	ASE SAM (SAM-900-125) Includes 177 much server moving with 197 makemount bracket, single boord Penjami IV composer with 197 rack- manni bracket, 4 serial and 2 retwork ports. Windows O.S. SAM alarm anumcletion software, SPT data semilation serverare (Support for DSP) and Modelin, protocole simil- and network versions) Pullion Keybeard (SAM-KE) 197 Rack Montt Keyboard Tenchigad and Tray
4	Telebyle Communication Signal Converters	2	Telebyre Communication Signal Convertors (Model 365M), (wind for \$ on) Any, Power Input HVDC = 1.ED Ouplity.

16.7 Attachment #7-1: Preliminary C&I Equipment List

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16.8 Attachment #7-2: C&I Point Assignment (RTU1)

IED	EMS	Mortimer RTU1 State EMS Description		2020	Input Source	Device
Point No.	Point No.	CONTRACTOR AND A DESCRIPTION OF A DESCRI		Port	W/W/269421/65	201201000
16	15	BKR R104				
17	16	R104 RECLOSE OFF			DI-XT3	RTU
18	17	SPARE017				
19	18	NBUS BKRAIR				
20	19	SBUS BKRAIR				
		Mortimer RTU1 SBO	Points			
IED	EMS	EMS Description	2020	Out	put Source	Device
Point No.	Point No.		Port			
1	0	BKR R214			XT1	RTU
2	1	R214 RECLOSE OFF				
3	2	R144 RECLOSE OFF				
2 3 4 5 6	2 3 4 5	R233 RECLOSE OFF				
5	4	BKR R233			XT2	RTU
6	5	BKR R235				

6	5	BKR R235		10102-0
7	6	BKR R154		
8	7	R235 RECLOSE OFF		
9	8	BKR R133	XT3	RTU
10	9	SPARE009		
11	10	BKR R134		
12	11	SPARE011		
13	12	SPARE012	XT4	RTU
14	13	BKR R104		
15	14	R 104 RECLOSE OFF		
16	15	SPARE015		

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16.9 Attachment #7-3: C&I Point Assignment (RTU2)

IED Point	EMS	Mortimer RTU2 Status Points Description	2020		
No	No		Port	Input Source	Device
				Mortimer	
	0	RTU Cutoff		Sage RTU	Baseboard
	1	69S R/L		1	1
	2	Fuse monitor		1	Ê.
	2345	2020 Relay Fail		1	15
	4	Ln 1 relay fail		1	1
	5	Mortimer IMUX 2000 Failure		1	1
		Mortimer (Rochester Pump) LN111 Block			
	6	Reclose Failure (MTS Card)		1	
		Mortimer (Rochester Pump) LN113 Block		11	1.2 1.2
	7	Reclose Failure (MTS Card)			
	10	Mortimer (Rochester Pump) LN114 Block Reclose Failure (MTS Card)		24	
	8 9	R194 Reclose OFF (RE-43A/M)			10 C
	10	R124 Reclose OFF (RE-43A/M)			1
	11	R144 Reclose OFF (RE-43A/M)			
	12	2032-2 Trouble			
	13	JMUX Trouble			
		spare			
	14 15	spare		-	4

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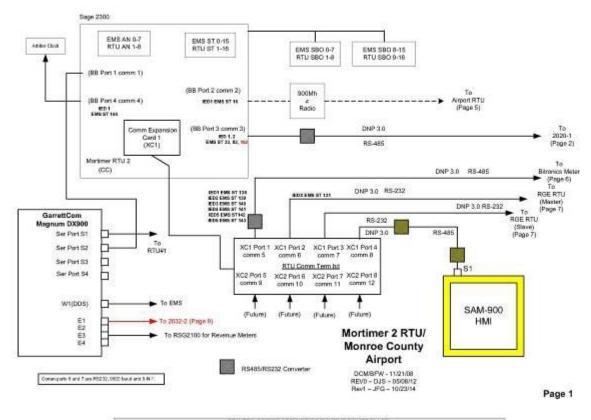
MORTIMER RTU2 STATUS POINTS CONTINUED

IED Point	EMS Point	Description	2020	12001120000	
No	No		Port	Input Source	Device
		Rochester Pump 87LB/LN114 Relay		Airport M1/C	
27	157	Trouble (BPRO)		RTU	ST-XT-01
28	158	Rochester Pump SEL-2032 Trouble		1	1
29	159	Rochester Pump Arbiter Clock Fault		1	1
	100	Rochester Pump Arbiter Clock Loss of Sal.		2	12
30	160	Lock	2020 4		
48	161	R194 Reclosing Blocked (OUT103)	2020-1 p6	SEL-351A	79/R194
40	161	2032-2 Comm Sts	po	SEL-2032-2	SEL-2032-2
	102	LN901 LINE DIFFERENTIAL 'A' RELAY		SEL-2002-2	SEL-2032-2
0	163	TROUBLE (87LA/LN901)		10	15(1
	105	LN901 LINE DIFFERENTIAL 'B' RELAY			0.000
1	164	TROUBLE (87LB/LN901)		1	IN2
	101	LN901 'A' RELAY TROUBLE			
2	165	(94TTA/LN901)		1	iN3
		LN901 'B' RELAY TROUBLE			
3	166	(94TTB/LN901)		1	IN4
		R104 RECLOSING RELAY TROUBLE			
-4	167	(79/R104)		1	1N5
5	168	LN901 'B' LOSS OF POTENTIAL (LOP)		1	IN6
5 7	169	43/87LA/LN901 Differential OFF		1	IN7
7	170	43/87LB/LN901 Differential OFF		1	INB
8	171	43TTA/LN901 OFF		1	ING
9	172	43TTB/LN901 OFF		1	IN10
10	173	R104 Maintenance Test Switch Position		1	IN11
11	174	R104 Breaker Trouble		1	IN12
12	175	R104 Low SF6 Gas Alarm		i i	IN13
13	176	R104 Low SFE Gas Lockout		÷ .	1014
100		LN901 LINE DIFFERENTIAL 'A' RELAY	2032-2		
14	177	COMM STATUS	p1	SEL-411L	87LA/LN901
		LN901 LINE DIFFERENTIAL 'A' RELAY	2011		
15	178	COMMUNICATIONS CHANNEL TROUBLE	1	1	1
16	179	LN901 'A' LOSS OF POTENTIAL (LOP)	¥.		
		R104 RECLOSING RELAY COMM	2020-2		
17	180	STATUS	p5	SEL-351-6	79/R104
18	181	R104 RECLOSING BLOCKED (OUT103)	Y		Ŧ

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16.10 Attachment #7-4 : C&I Layout Diagrams



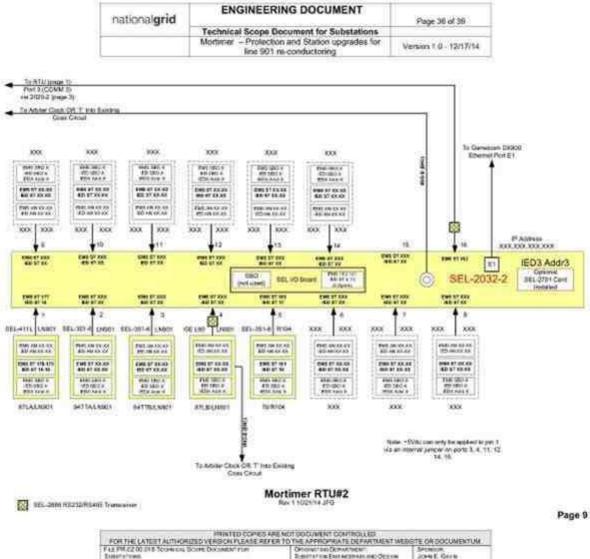
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16.11 Attachment #8: Pretiminary Telecom Equipment List

Horn	ANSINE DESIGNATION	QUANTITY	Description Commonia
	(to Be provided by RGSE)	where q_{i} is the q_{i} -model and q_{i} and q_{i} and q_{i} and q_{i} and q_{i} are the set of the set o	Common Ecoloment she'l (866430-01) 3M3X Channel She'l (3RU) (886430-04) Power DWI Padite Boards (866430-04) Power DWI Padite Boards (866431-90) Service Unit (866434-02) Service Unit (P Service Drut Pactle Board (86404-92) CC-88 MUX DWI 13100m (R-1, 5KF, LC (586419-01 SAA) Cobe Assy Xover CATO, RLF45, Shekked 21 (135-04118-01) 20VT JMUX to JF cable (Left size) (035-35400-85) 20VT JMUX to JF cable (Left size) (035-35400-85) 20VT JMUX to JF cable (Right size) (035-35400-85) 20VT JMUX to JF cable (Right size) (035-35400-85) CDAX Pactle Board (85486-91) DATA-NX554F Units (95-7546) (1854844-02) WVP EBM Units (855486-01) CDAX Pactle Board (85486-91) DATA-NX554F Unit (95-7546) (185484-02) WVP EBM Units (855486-05) 4W-VP Solit Contoine Pactle Board (85444-01) VTAISO Ribbon Cable KI (85430-53) 2.488/Nos TRANSCE/VER 101 One: (R-1, 1368, SMF, LC 18U Epister Family intercondule Fritid (PB000085) VistaNET Hetwork Interface (VNR) RTI/License
	Fiber Optic Materials (to Be provided by RGBE)	787 - 12 12 0	72 whand Riser optic cable, SM7-28e+, full stelector: Conting Bulk Head Housing (COH-04U) Conting Splice Housing (COH-05U-F) Conting Splice Trays (M97-070) Doming Subhasis and pigtaks (CCH-0P12-A9-PO3RH) Fiber collic pallot pavola Dirouter AFL splice Can

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16.12 Attachment #9: Preliminary Final Engineering and Deidan Schedule

No	Description	Scheduled Dates/Durations
1	Retay, C&I & Teleconi Design Briefs Haued (NE only)	M/A
2	If EPC / MSA, develop EPC / MSA bid Technical document	NEA
3	Develop planning grade astimate (Level 3 projects only)	11/14
4.	Planning Sanction and DCA approval	12/14
6	Notification from PM to start Final Engineering & Design	1/15
6	Issue PO to EPC / MSA consultant (if applicable)	1/15
7.	Design Kickoff Monting (PR.02.00.013)	2/15
B	Major equipment / matorial procumment completed	7/15 -
9.	Primary/Civi/Structural dealign Snished	09/15
10.	AC/DC Elementaries design tinished	09/15
12.1	Secondary wring design finished	09/15
12.	Primary/CivitStructural constructability review.	10/15
13.	AC/DC Elementaries constructability review	10/15
14.	Secondary wring constructability minim	10/16
15.	Primary/Crvit/Structural innued for combruction (FC)	11/15
15.	AC/DC Elementaries and secondary writing IFC	11/15
17.	Engineering & Design Complete (EDC)	12/15
18.	If outcourced construction, complete construction bid specification	12:15
t9.	Input to PM for Construction Field Issue Document	12/18
20.	Develop project grade estimate (Level 3 projects only)	NA
21	Minor equipment / material procurement completed	12/15

NOTES

1. For resourcing, it is preferred that we indicate the month & year instead of durations. The

 achedule development is based on task 5 above.
 There may be only one or multiple constructability reviews depending on project specifics and regional needs. Customize to meet project needs. NY generally has one constructability review. If this is so put same date in for all.

3. There is any be only one or multiple issue for construction (IFC) depending on project specifics and regional needs. Customize to meet project needs. NY generally issues all drawings at once, if this is so put same date in for all EDC indicates all drawings issued for construction.

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17.0 REVISION HISTORY OF PROJECT DOCUMENT

Version Date Description of Revision 1.0 T1/12/14 Description of Revision Instal revision of ducament Instal revision of ducament

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	PROJECTED N	PROJECTED MILESTONE SCHEDUL		
Task	Milestone	Date	Responsible Party	
		Complete as of the Amendment Effective		
1.	Preliminary Engineering	Date. Technical Scope Document issued.	Customer/Company	
2.	Final Design	10 Months after Amendment Effective Date	Customer/Company	
3.	Material & Equipment Procurement	10 Months after Amendment Effective Date	Company	
4.	Construction	13 Months after Amendment Effective Date	Company	
5	Close Out	16 Months after Amendment Effective Date	Customer / Company	

Exhibit B: Projected Milestone Schedule

The dates above represent the Parties' preliminary schedule, which is subject to adjustment, alteration, and extension. Neither Party shall be liable for failure to meet the above Preliminary Milestone Schedule, any milestone, any in-service date, or any other projected or preliminary schedule in connection with this Agreement, the Work or the Project. National Grid does not and cannot guarantee or covenant that any outage necessary in connection with the Work will occur when presently scheduled or on any other particular date or dates and shall have no liability arising from any change in the date or dates of such outages.

Exhibit C: Insurance Requirements

- <u>Workers Compensation and Employers Liability Insurance</u> as required by the State of New York. If required, coverage shall include the U.S. Longshore and Harbor Workers' Compensation Act and the Jones Act.
- <u>Public Liability (Including Contractual Liability)</u>, covering all activities and operations to be performed by it under this Agreement, with the following minimum limits:
 - (A) Bodily Injury \$1,000,000/\$1,000,000
 Property Damage \$1,000,000/\$1,000,000
 OR
 - (B) Combined Single Limit \$1,000,000 OR
 - (C) Bodily Injury and Property Damage per Occurrence \$1,000,000 General Aggregate & Product Aggregate - \$2,000,000 each
- <u>Umbrella or Excess Liability</u>, coverage with a minimum limit of \$ 4,000,000.
- 1. Upon request, either Party shall promptly provide the requesting Party with either evidence of insurance or certificates of insurance evidencing the insurance coverage above. Customer shall provide such certificates or evidence of insurance to Company at the following address:
 - To: National Grid c/o NIAGARA MOHAWK POWER CORPORATION Attention: Risk Management, A-4 300 Erie Boulevard West Syracuse, NY 13202

Company shall provide such certificates or evidence of insurance to Customer at the following address:

- To: RG&E Attention: David Fingado 1300 Scottsville Road Rochester, NY 14624
- 2. Should any of the above-described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.
- 3. If a party fails to secure or maintain any insurance coverage, or any insurance coverage is canceled before the completion of all services provided under this Agreement, and such party fails immediately to procure such insurance as specified herein, then the non-defaulting party has the right but not the obligation to procure such insurance and, at its option, either bill the cost thereof to the defaulting party or deduct the cost thereof from any sum due the defaulting party under this Agreement.

- 4. To the extent requested, both Parties shall furnish to each other copies of any accidents report(s) sent to the Party's insurance carriers covering accidents or incidents occurring in connection with or as a result of the performance of the Work for the Project under this Agreement.
- 5. Each Party shall comply with any governmental and/or site-specific insurance requirements even if not stated herein.
- 6. By the date that such coverage is required, each Party represents to the other that it will have full policy limits available and shall notify each other in writing when coverages required herein have been reduced as a result of claim payments, expenses, or both.
- 7. Customer shall name the Company as an additional insured for all coverages except Workers' Compensation and Employers Liability Insurance in order to provide the Company with protection from liability arising out of activities of Customer relating to the Project and associated Work.

E	xhibit D: Estimated	Cost Breakdown	
Project Description	Project Engineer	Cost Component	Total Cost
901 phase II replace R104		Hours	43000
along with disconnects,			
upgrade bus to 3000 amps	Tom McMahon		
		Straight Time Rate	\$40.00
		Labor Dollars	\$172,000
		Labor OH Rate	0.9409
Project Risk		Labor Overhead Dollars	\$161,835
Low		Materials - Inventory	\$552,398
		Stores Handling Rate	0.12
		Stores Handling Dollars	\$65,928
Comments/Assumptions		Materials - Vendor	\$130,000
Per pending Contract Approval			
by RG&E		Contractors	\$110,000
		Transportation rate	0.3407
		Transportation dollars	\$58,600
		CAD Transmission rate	0.1100
		Capital Overhead Dollars	\$31,820
		Tax Rate	0.08
		Tax total	\$19,200
		Total Estimated Cost	\$1,300,000

For the avoidance of doubt: this Exhibit provides an estimated cost breakdown of the Work Cost Estimate; the Work Cost Estimate and this Exhibit are estimates only and shall not limit Customer's obligation to pay Company for all Company Reimbursable Costs actually incurred by Company or its Affiliates.