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| **CONFIRMATION OF VERIFICATION EVIDENCE REPORT**  [All generators greater than 10kW, shall be complete and submit this report before energization] | | | | | | | | | | | | | | | | | | |
| **Section 1** | | | | **BASIC INFORMATION** | | | | | | | | | | | | | | |
| Name of Customer | | | | | |  | | | | | | | | | | | | |
| Name of Facility | | | | | |  | | | | | | | | | | | | |
| Address | | | | | |  | | | | | | | | | | | | |
| Generator Capacity | | | | | |  | | | | | | | | | | | | |
| Station & Feeder | | | | | |  | | | | | | | | | | | | |
| Type of Generation | | | | | |  | | | | | | | | | | | | |
| **Section 2** | | | | **SIGNATURES / CERTIFICATES** | | | | | | | | | | | | | | |
| **TO BE SIGNED UPON COMPLETION OF ALL PARTS OF THE COVER**  I/we acknowledge the completion of the COVER as noted and will undertake to rectify the deficiencies identified in the “NOTES” section. | | | | | | | | | | | | | | | | | | |
|  | | | | | | |  | | I certify that the attached results/reports were undertaken/reviewed by the undersigned and are in conformance with all requirements, except as noted herein. | | | | | | | | | |
|  | | | | | | |  | |
| Signature of Customer Representative | | | | | | |  | |
|  | | | | | | |  | |
| Print Name: | | | |  | | |  | |  | | | | | | | | | |
|  | | | | | | |  | |  | | | | | | | | | |
| Date: | |  | | | | |  | | Signature of Engineer Certifying report | | | | | | | | | |
|  | | | | | | |  | |  | | | | | | | | | |
| Title/Affiliation: | | | | |  | |  | | Print Name: | | | | | P.Eng | | | | |
|  | | | | | | |  | |  | | | | | | | | | |
| Email: | | |  | | | |  | | Date: | |  | | | | | | | |
|  | | | | | | |  | |  | | | | | | | | | |
|  | | | | | | |  | | Title/Affiliation: | | | | | |  | | | |
|  | | | | | | |  | |  | | | | | | | | | |
|  | | | | | | |  | | Email: | |  | | | | | | | |
|  | | | |  | | | | | | | | | | | | | | |
| **Section 3** | | | | **DISTRIBUTION** | | | | | | | | | | | | | | |
| Distribution List (when all parts are completed): | | | | | | | | **ENWIN Coordinator**: | | | | | | | | | | |
|  |  | | | | | | | **Print Name:** | | | | | | | | | | |
|  | Transmitter (Customer Business Relations), | | | | | | | **Title:** | | | | | | | | | | |
|  | ENWIN System Planning/Engineering | | | | | | | **Date:** | | | | | | | | | | |
|  | Customer, | | | | | | | **Tel:** | | | | | | | | | | |
|  |  | | | | | | | **Email:** | | | | | | | | | | |
| **Section 4(a)** | | | | **CONFIRMATION OF VERIFICATION – PROTECTION & CONTROL** | | | | | | | | | | | | | | |
| Complete for Load Displacement / Export generators  connected at 27.6kV  Confirm the following Protection & Control requirements are in place and operating properly | | | | | | | | | | Protection Group | | Legend | Results | | | Note # | Initials | Date  yyyy/mm/dd |
| 1. LV Bus Main and Backup Unit Protection Scheme | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Transformer Main and Backup Protection Scheme | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. HV Breaker Failure Protection | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. LV Breaker Failure Protection | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Under and Over Frequency | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Transfer Trip / Remote Trip | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. DGEO Test (Generator End Open) | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Passive Anti-Islanding Protection   (check that the generator disconnects upon loss of utility supply by 0.3s) | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Reverse Power (load displacement) | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Confirm the installation complies with submitted Single Line Diagram | | | | | | | | | | C | |  |  | | |  |  |  |
| 1. Other (Specify) | | | | | | | | | |  | |  |  | | |  |  |  |

Protection Group to be tested: e.g. A, B, or A&B, D = to be Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 4(b)** | **CONFIRMATION OF VERIFICATION – PROTECTION & CONTROL** | | | | | | |
| Complete for Load Displacement / Export generators  connected at 347/600V or 120/208V  Confirm the following Protection & Control requirements are in place and operating properly | | Protection Group | Legend | Results | Note # | Initials | Date  yyyy/mm/dd |
| 1. Operation of Isolation Switch | |  |  |  |  |  |  |
| 1. Synchronous Breaker Failure Protection | |  |  |  |  |  |  |
| 1. Transfer Trip / DGEO Test | |  |  |  |  |  |  |
| 1. Passive Anti-Islanding Protection   (check that the generator disconnects upon loss of utility supply by 0.3s) | |  |  |  |  |  |  |
| 1. Under and Over Frequency | |  |  |  |  |  |  |
| 1. Under and Over Voltage | |  |  |  |  |  |  |
| 1. Reverse Power (load displacement) | |  |  |  |  |  |  |
| 1. Confirm the installation complies with submitted Single Line Diagram | |  |  |  |  |  |  |
| 1. Other (Specify) | |  |  |  |  |  |  |

Protection Group to be tested: e.g. A, B, or A&B, D = to be Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 4(b1)** | **CONFIRMATION OF VERIFICATION – PROTECTION & CONTROL** | | | | | | |
| Complete for Load Displacement / Export generators  connected at 120/240V  Confirm the following Protection & Control requirements are in place and operating properly | | Protection Group | Legend | Results | Note # | Initials | Date  yyyy/mm/dd |
| 1. Operation of Isolation Switch | |  |  |  |  |  |  |
| 1. Synchronous Breaker Failure Protection | |  |  |  |  |  |  |
| 1. Transfer Trip / DGEO Test | |  |  |  |  |  |  |
| 1. Passive Anti-Islanding Protection   (check that the generator disconnects upon loss of utility supply by 0.3s) | |  |  |  |  |  |  |
| 1. Under and Over Frequency | |  |  |  |  |  |  |
| 1. Under and Over Voltage | |  |  |  |  |  |  |
| 1. Reverse Power (load displacement) | |  |  |  |  |  |  |
| 1. Confirm the installation complies with submitted Single Line Diagram | |  |  |  |  |  |  |
| 1. Generation limit back to ENWIN grid ( ) | |  |  |  |  |  |  |
| 1. Other (Specify) | |  |  |  |  |  |  |

Protection Group to be tested: e.g. A, B, or A&B, D = to be Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 4(c)** | **CONFIRMATION OF VERIFICATION – PROTECTION & CONTROL** | | | | | | |
| Complete for Generators connected momentarily to transfer load  Confirm the following Protection & Control requirements are in place and operating properly | | Protection Group | Legend | Results | Note # | Initials | Date  yyyy/mm/dd |
| 1. Operation of Isolation Switch   (Confirm the complete transfer is less than 100ms) | |  |  |  |  |  |  |
| 1. Confirm the isolation complies with submitted Single Line Diagram | |  |  |  |  |  |  |
| 1. Other (Specify) | |  |  |  |  |  |  |

Protection Group to be tested: e.g. A, B, or A&B, D = to be Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 4(d)** | **CONFIRMATION OF VERIFICATION – PROTECTION & CONTROL** | | | | | | |
| Complete for Generators not connected momentarily to transfer load  Confirm the following Protection & Control requirements are in place and operating properly | | Protection Group | Legend | Results | Note # | Initials | Date  yyyy/mm/dd |
| 1. Operation of Transfer Switch   (Break before Make Functionality) | |  |  |  |  |  |  |
| 1. Confirm the isolation complies with submitted Single Line Diagram | |  |  |  |  |  |  |
| 1. Other (Specify) | |  |  |  |  |  |  |

Protection Group to be tested: e.g. A, B, or A&B, D = to be Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 5** | **CUSTOMER OWNED AND OPERATE DG**  [not required for generators paralleling utility for less than 100msec] | | | | | | |
| Confirm the following SCADA telemetry quantities indicate correctly | | Test Needed | Legend | Results | Note # | Initials | Date  yyyy/mm/dd |
| 1. MW Flows and Directions | | C |  |  |  |  |  |
| 1. MVAR Flow and Directions | | C |  |  |  |  |  |
| 1. Phase to Phase or Phase to Neutral Voltages | | C |  |  |  |  |  |
| 1. Three Phase Currents | | C |  |  |  |  |  |
| 1. LV Interrupter Open/Close Status   \*Hydro One Network Operating Division will specific which status to use | | C |  |  |  |  |  |
| 1. Protection Alarms (TT receive from Hydro One and DGEO send) | | C |  |  |  |  |  |
| 1. Wireless Link end to end tested | | C |  |  |  |  |  |
| 1. Synchronizing Breakers Open/Close Status | | C |  |  |  |  |  |
| 1. HV/LV Line Disconnect Switches Open/Close Status | | C |  |  |  |  |  |
| 1. Other (Specify) | |  |  |  |  |  |  |

Test Needed: D = Done

Legend: C = Confirm, W = Witness

Results: P = Pass, F = Fail

All Parts: N/A = Not Applicable

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| **Section 6** | | **NOTES** |
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**Instructions for Completing the COVER form:**

Step 1: Discuss with the ENWIN Coordinator and decide what protection test / controls are required.

Step 2: Complete Intended Tests

Step 3: Send original signed COVER Report to:

Attn: Technical Services

ENWINUtilities Ltd.

P. O. Box 1652 Stn. “A”

4545, Rhodes Drive,

Windsor, ON,

N9A 5T7