

# Enersponse TEST REPORT

**SCOPE OF WORK**

OPENADR 2.0A VEN – HTTP PULL - ENERSPONSE - GRID EDGE MODULE (GEM) V1.0 - PASSED

**REPORT NUMBER**

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## TEST REPORT

30-September-2020

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**Subject:** OpenADR 2.0a VEN-HTTP Pull test results of the GRID EDGE MODULE (GEM) V1.0

Dear Mrs. Emily McPhail,

This test report for the *Grid Edge Module (GEM) V1.0* represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

### METHODS

#### DESCRIPTION OF TEST METHODS AND STANDARDS

OpenADR 2.0a VEN- HTTP Pull  
Test Harness Version 1.1.3  
Security Level - Standard

### SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
Energy Storage System	Grid Edge Module (GEM)	1.0	ES-01

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**TEST REPORT****TEST ENVIRONMENT**

Lab Setup	Connection	DUT	Environment Used
Virtual Machine	Remote Desktop Connection	UI	X

**TEST EQUIPMENT**

Test Tool	Manufacturer	Model Number	Version/Errata
Test Harness	Quality Logic	OpenADR2.0aCertTest	1.1.3

**WAIVERS GRANTED BY OPENADR ALLIANCE**

Test Case(s)	Failure	OpenADR Response	OpenADR Approver
None			

## TEST REPORT

### Interpretation of test results:

Results of the tests carried out by Intertek Testing Services NA, Inc. are described as follows: “**Pass**” indicates the device under test (DUT) was verified against a set of defined prerequisites, test scenarios consisting of a sequence of VEN/VTN message exchanges and has conformed to the expected results set forth by the OpenADR Alliance. “**Fail**” indicates the DUT has not met conformance set forth by the OpenADR Alliance due to a test case scenario failing to run to completion, payload schema validation, conformance rule validation failure or other problems. “**NA**” indicates the test case is not applicable to the DUT, is optional or is marked as NA in the test harness tool. Test cases that are not supported by the DUT will not be listed.

TESTED <29-September-2020>

## Test Case Results

Test Case Name	Result	Log
E1_0020_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090210_158.txt</a>
E1_0040_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090358_948.txt</a>
E1_0060_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090449_912.txt</a>
E1_0070_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090522_363.txt</a>
E1_0082_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090612_853.txt</a>
E1_0086_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090656_055.txt</a>
E1_0090_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090817_447.txt</a>
E1_0092_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_090931_166.txt</a>
E1_0094_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091029_222.txt</a>
E1_0096_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091149_313.txt</a>
E1_0098_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091315_168.txt</a>
E1_0100_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091414_984.txt</a>
E1_0102_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091508_539.txt</a>
E1_0104_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091552_786.txt</a>
E1_0110_TH_VTN	PASS	<a href="#">View Log TraceLog_092920_091628_717.txt</a>

**TEST REPORT**

Test Case Name	Result	Log
E1_0130_TH_VTN	PASS	View Log TraceLog_092920_091700_221.txt
E1_0180_TH_VTN	PASS	View Log TraceLog_092920_091727_309.txt
E1_0190_TH_VTN	PASS	View Log TraceLog_092920_091825_338.txt
E1_0200_TH_VTN	PASS	View Log TraceLog_092920_092109_403.txt
E1_0210_TH_VTN	PASS	View Log TraceLog_092920_092245_379.txt
E1_0220_TH_VTN	PASS	View Log TraceLog_092920_092819_374.txt
E1_0230_TH_VTN	PASS	View Log TraceLog_092920_093331_943.txt
E1_0240_TH_VTN	PASS	View Log TraceLog_092920_094013_893.txt
E1_0250_TH_VTN	PASS	View Log TraceLog_092920_094231_149.txt
E1_0260_TH_VTN	PASS	View Log TraceLog_092920_094818_405.txt
E1_0260_TH_VTN	PASS	View Log TraceLog_092920_095543_837.txt
E1_0260_TH_VTN	PASS	View Log TraceLog_092920_100210_561.txt
E1_0262_TH_VTN	PASS	View Log TraceLog_092920_100715_215.txt
E1_0262_TH_VTN	PASS	View Log TraceLog_092920_101441_646.txt
E1_0262_TH_VTN	PASS	View Log TraceLog_092920_102218_444.txt
E1_0267_TH_VTN	PASS	View Log TraceLog_092920_102934_161.txt
E1_0267_TH_VTN	PASS	View Log TraceLog_092920_103413_057.txt
E1_0267_TH_VTN	PASS	View Log TraceLog_092920_103853_885.txt
E1_0268_TH_VTN	PASS	View Log TraceLog_092920_104435_884.txt
E1_0268_TH_VTN	PASS	View Log TraceLog_092920_104843_496.txt
E1_0268_TH_VTN	PASS	View Log TraceLog_092920_105338_822.txt
E1_0270_TH_VTN	PASS	View Log TraceLog_092920_105824_187.txt
E1_0280_TH_VTN	PASS	View Log TraceLog_092920_110537_000.txt
E1_0285_TH_VTN	PASS	View Log TraceLog_092920_110807_879.txt
E1_0292_TH_VTN	PASS	View Log TraceLog_092920_110841_496.txt

**TEST REPORT**

Test Case Name	Result	Log
E1_0297_TH_VTN	PASS	View Log TraceLog_092920_110909_183.txt
E1_0300_TH_VTN	PASS	View Log TraceLog_092920_110931_622.txt
E1_0310_TH_VTN	PASS	View Log TraceLog_092920_111038_033.txt
E1_0320_TH_VTN	PASS	View Log TraceLog_092920_111140_464.txt
E1_0340_TH_VTN	PASS	View Log TraceLog_092920_111225_077.txt
E1_0345_TH_VTN	PASS	View Log TraceLog_092920_111311_246.txt
E1_0360_TH_VTN	PASS	View Log TraceLog_092920_111344_140.txt
E1_0370_TH_VTN	PASS	View Log TraceLog_092920_111441_391.txt
E1_0384_TH_VTN	PASS	View Log TraceLog_092920_111614_245.txt
E1_0390_TH_VTN	PASS	View Log TraceLog_092920_111657_005.txt
E1_0392_TH_VTN	PASS	View Log TraceLog_092920_111750_139.txt
S1_1400_TH_VTN	PASS	View Log TraceLog_092920_111954_702.txt
S1_1405_TH_VTN	PASS	View Log TraceLog_092920_112314_728.txt

**REPORT AUTHORIZED**



Florencio Ponce

Engineer



Vincent Brooks

Reviewer