

Transpower New Zealand **TEST REPORT**

SCOPE OF WORK

OPENADR 2.0B VTN – HTTP PULL AND PUSH AND XMPP PUSH – TRANSPOWER NEW ZEALAND –
TRANSPOWER DRMS - PASSED

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TEST REPORT

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Subject: OpenADR 2.0b VTN-HTTP Pull and HTTP Push and XMPP Push test results of the
TRANSPower DRMS V2.0.0

Dear Mr. Michael Richardson,

This test report for the *TRANSPower DRMS V2.0.0* 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 2.0B VTN- HTTP Pull and HTTP Push and XMPP Push
Test Harness Version 1.1.2
Security Level - Standard

SUBMITTED DEVICE

Product Type	Product Name	Firmware Version	Model Number
Bespoke Virtual Top Node (VTN)	Transpower DRMS	2.0.0	N/A

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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	OpenADR2.0BCertTest	1.1.2

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 <11-March-2019 to 14-March-2019>

Test Case Result – HTTP Pull

Test Case Name	Result	Log
N1_0020_TH_VEN	PASS	View Log TraceLog_031119_155221_724.txt
N1_0015_TH_VEN	PASS	View Log TraceLog_031119_155354_368.txt
N1_0050_TH_VEN	PASS	View Log TraceLog_031119_155456_645.txt
N1_0060_TH_VEN	PASS	View Log TraceLog_031119_155613_566.txt
N1_0065_TH_VEN	PASS	View Log TraceLog_031119_155754_183.txt
N1_0070_TH_VEN	PASS	View Log TraceLog_031119_155856_713.txt
N1_0080_TH_VEN	PASS	View Log TraceLog_031119_160001_356.txt
N1_0010_TH_VEN	PASS	View Log TraceLog_031119_160057_664.txt
N1_0025_TH_VEN	PASS	View Log TraceLog_031119_160201_717.txt
N1_0030_TH_VEN	PASS	View Log TraceLog_031119_160657_579.txt
N1_0040_TH_VEN	PASS	View Log TraceLog_031119_160913_525.txt
R1_3010_TH_VEN	PASS	View Log TraceLog_031119_161257_517.txt
R1_3020_TH_VEN	PASS	View Log TraceLog_031119_161513_464.txt
R1_3025_TH_VEN	PASS	View Log TraceLog_031119_161737_736.txt
R1_3027_TH_VEN	PASS	View Log TraceLog_031119_161848_703.txt
R1_3030_TH_VEN	PASS	View Log TraceLog_031119_185946_631.txt

TEST REPORT

Test Case Name	Result	Log
R1_3040_TH_VEN	PASS	View Log TraceLog_031119_190326_211.txt
R1_3045_TH_VEN	PASS	View Log TraceLog_031119_190519_482.txt
R1_3070_TH_VEN	PASS	View Log TraceLog_031119_191852_871.txt
R1_3130_TH_VEN	PASS	View Log TraceLog_031119_192115_547.txt
R1_3140_TH_VEN	PASS	View Log TraceLog_031119_192235_905.txt
R1_3150_TH_VEN	PASS	View Log TraceLog_031119_192656_345.txt
R1_3160_TH_VEN	PASS	View Log TraceLog_031119_193010_275.txt
R1_3170_TH_VEN	NA	View Log TraceLog_031119_193423_230.txt
R1_3180_TH_VEN	PASS	View Log TraceLog_031119_193441_009.txt
R1_3190_TH_VEN	PASS	View Log TraceLog_031119_193622_924.txt
P1_2010_TH_VEN	PASS	View Log TraceLog_031119_194634_325.txt
P1_2015_TH_VEN	PASS	View Log TraceLog_031119_194727_648.txt
P1_2020_TH_VEN	PASS	View Log TraceLog_031119_194813_629.txt
P1_2030_TH_VEN	PASS	View Log TraceLog_031119_194858_387.txt
P1_2040_TH_VEN	PASS	View Log TraceLog_031119_194944_584.txt
P1_2050_TH_VEN	PASS	View Log TraceLog_031119_195038_489.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_031219_084548_587.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_031219_085551_569.txt
A_E3_0420_TH_VEN	PASS	View Log TraceLog_031219_090237_273.txt
A_E3_0430_TH_VEN	PASS	View Log TraceLog_031219_090451_631.txt
A_E3_0432_TH_VEN	PASS	View Log TraceLog_031219_090549_564.txt
A_E3_0435_TH_VEN	PASS	View Log TraceLog_031219_090653_538.txt
A_E3_0440_TH_VEN	PASS	View Log TraceLog_031219_090820_341.txt
A_E3_0450_TH_VEN	PASS	View Log TraceLog_031219_090930_313.txt
A_E3_0452_TH_VEN	PASS	View Log TraceLog_031219_091039_885.txt

TEST REPORT

Test Case Name	Result	Log
A_E3_0454_TH_VEN	PASS	View Log TraceLog_031219_091145_759.txt
A_E3_0470_TH_VEN	PASS	View Log TraceLog_031219_091313_901.txt
A_E3_0474_TH_VEN	PASS	View Log TraceLog_031219_091507_341.txt
A_E3_0484_TH_VEN	PASS	View Log TraceLog_031219_091854_915.txt
A_E3_0490_TH_VEN	PASS	View Log TraceLog_031219_092006_139.txt
A_E3_0492_TH_VEN	PASS	View Log TraceLog_031219_092143_096.txt
A_E3_0494_TH_VEN	PASS	View Log TraceLog_031219_092321_821.txt
A_E3_0496_TH_VEN	PASS	View Log TraceLog_031219_092503_674.txt
A_E3_0500_TH_VEN	PASS	View Log TraceLog_031219_092717_622.txt
A_E3_0510_TH_VEN	PASS	View Log TraceLog_031219_092829_399.txt
A_E3_0525_TH_VEN	PASS	View Log TraceLog_031219_092924_539.txt
A_E3_0527_TH_VEN	PASS	View Log TraceLog_031219_093101_630.txt
A_E3_0655_TH_VEN	PASS	View Log TraceLog_031219_093201_167.txt
A_E3_0657_TH_VEN	PASS	View Log TraceLog_031219_093408_958.txt
A_E3_0680_TH_VEN	PASS	View Log TraceLog_031219_093559_505.txt
A_E3_0685_TH_VEN	PASS	View Log TraceLog_031219_093843_838.txt
A_E3_0710_TH_VEN	PASS	View Log TraceLog_031219_094345_594.txt
A_E3_0720_TH_VEN	PASS	View Log TraceLog_031219_094558_454.txt
A_E3_0730_TH_VEN	PASS	View Log TraceLog_031219_094941_722.txt
A_E3_0750_TH_VEN	PASS	View Log TraceLog_031219_095213_794.txt
A_E3_0780_TH_VEN	PASS	View Log TraceLog_031219_095345_330.txt
E1_1010_TH_VEN	PASS	View Log TraceLog_031219_095444_280.txt
E1_1020_TH_VEN	PASS	View Log TraceLog_031219_095547_090.txt
E1_1025_TH_VEN	PASS	View Log TraceLog_031219_095707_770.txt
E1_1027_TH_VEN	PASS	View Log TraceLog_031219_095800_103.txt

TEST REPORT

Test Case Name	Result	Log
E1_1030_TH_VEN	PASS	View Log TraceLog_031219_095850_253.txt
E1_1040_TH_VEN	PASS	View Log TraceLog_031219_100024_153.txt
E1_1050_TH_VEN	PASS	View Log TraceLog_031219_100205_037.txt
E1_1060_TH_VEN	PASS	View Log TraceLog_031219_100720_366.txt
E1_1065_TH_VEN	PASS	View Log TraceLog_031219_100833_099.txt
E1_1070_TH_VEN	NA	View Log TraceLog_031219_101117_882.txt
E1_1080_TH_VEN	PASS	View Log TraceLog_031219_101142_707.txt
E1_1090_TH_VEN	NA	View Log TraceLog_031219_101257_229.txt
E1_1055_TH_VEN	PASS	View Log TraceLog_031219_102715_944.txt
N1_0020_TH_VEN	PASS	View Log TraceLog_031219_110726_880.txt
G1_4005_TH_VEN	PASS	View Log TraceLog_031219_111300_374.txt
G1_4007_TH_VEN	PASS	View Log TraceLog_031219_111529_023.txt
G1_4010_TH_VEN	PASS	View Log TraceLog_031219_111726_956.txt
G1_4012_TH_VEN	PASS	View Log TraceLog_031219_111912_604.txt
G1_4020_TH_VEN_1	PASS	View Log TraceLog_031219_112329_215.txt
G1_4030_TH_VEN	PASS	View Log TraceLog_031219_112419_922.txt

Test Case Result – HTTP Push

Test Case Name	Result	Log
N0_5010_TH_VEN	PASS	View Log TraceLog_031219_154032_782.txt
N0_5080_TH_VEN	PASS	View Log TraceLog_031219_154123_256.txt
N0_5020_TH_VEN	PASS	View Log TraceLog_031219_154230_896.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_031219_154354_116.txt

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Test Case Name	Result	Log
N0_5050_TH_VEN_1	PASS	View Log TraceLog_031219_154440_106.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_031219_154551_297.txt
N0_5065_TH_VEN	PASS	View Log TraceLog_031219_154720_256.txt
N0_5070_TH_VEN	PASS	View Log TraceLog_031219_154826_829.txt
N0_5025_TH_VEN	PASS	View Log TraceLog_031219_154950_089.txt
N0_5040_TH_VEN_1	PASS	View Log TraceLog_031219_155225_261.txt
N0_5030_TH_VEN	PASS	View Log TraceLog_031219_155513_914.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_031219_155820_384.txt
R0_8020_TH_VEN_1	PASS	View Log TraceLog_031219_155917_995.txt
R0_8025_TH_VEN_1	PASS	View Log TraceLog_031219_160141_519.txt
R0_8027_TH_VEN_1	PASS	View Log TraceLog_031219_160247_365.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_031219_160450_242.txt
R0_8040_TH_VEN_1	PASS	View Log TraceLog_031219_160856_827.txt
R0_8045_TH_VEN_1	PASS	View Log TraceLog_031219_161058_119.txt
R0_8070_TH_VEN	PASS	View Log TraceLog_031219_161429_747.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_031219_161542_623.txt
R0_8140_TH_VEN_1	PASS	View Log TraceLog_031219_161648_185.txt
R0_8150_TH_VEN_1	PASS	View Log TraceLog_031219_161944_074.txt
R0_8160_TH_VEN_1	PASS	View Log TraceLog_031219_162118_452.txt
R0_8170_TH_VEN_1	NA	View Log TraceLog_031219_162537_891.txt
R0_8180_TH_VEN_1	PASS	View Log TraceLog_031219_162647_967.txt
R0_8190_TH_VEN_1	PASS	View Log TraceLog_031219_162758_611.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_031219_163339_629.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_031219_163414_182.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_031219_163453_456.txt

TEST REPORT

Test Case Name	Result	Log
P0_7030_TH_VEN	PASS	View Log TraceLog_031219_163540_062.txt
P0_7040_TH_VEN	PASS	View Log TraceLog_031219_163633_675.txt
P0_7050_TH_VEN	PASS	View Log TraceLog_031219_163728_740.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_031319_100557_745.txt
A_E2_0432_TH_VEN_1	PASS	View Log TraceLog_031319_100735_058.txt
A_E2_0435_TH_VEN_1	PASS	View Log TraceLog_031319_100912_604.txt
A_E2_0450_TH_VEN_1	PASS	View Log TraceLog_031319_103154_973.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_031319_103616_042.txt
A_E2_0454_TH_VEN_1	PASS	View Log TraceLog_031319_104139_699.txt
A_E2_0470_TH_VEN_1	PASS	View Log TraceLog_031319_104301_204.txt
A_E2_0474_TH_VEN_1	PASS	View Log TraceLog_031319_105311_337.txt
A_E2_0484_TH_VEN_1	PASS	View Log TraceLog_031319_105938_893.txt
A_E2_0490_TH_VEN_1	PASS	View Log TraceLog_031319_110431_909.txt
A_E2_0492_TH_VEN_1	PASS	View Log TraceLog_031319_110752_257.txt
A_E2_0494_TH_VEN_1	PASS	View Log TraceLog_031319_111343_019.txt
A_E2_0496_TH_VEN_1	PASS	View Log TraceLog_031319_111911_663.txt
A_E2_0500_TH_VEN_1	PASS	View Log TraceLog_031319_112102_525.txt
A_E2_0510_TH_VEN_1	PASS	View Log TraceLog_031319_112536_794.txt
A_E2_0525_TH_VEN_1	PASS	View Log TraceLog_031319_112715_723.txt
A_E2_0527_TH_VEN_1	PASS	View Log TraceLog_031319_113311_840.txt
A_E2_0657_TH_VEN_1	PASS	View Log TraceLog_031319_113650_589.txt
A_E2_0680_TH_VEN_1	PASS	View Log TraceLog_031319_114514_306.txt
A_E2_0685_TH_VEN_1	PASS	View Log TraceLog_031319_114804_592.txt
A_E2_0710_TH_VEN_1	PASS	View Log TraceLog_031319_120514_189.txt
A_E2_0720_TH_VEN_1	PASS	View Log TraceLog_031319_121712_775.txt

TEST REPORT

Test Case Name	Result	Log
A_E2_0730_TH_VEN_1	PASS	View Log TraceLog_031319_121832_673.txt
A_E2_0750_TH_VEN_1	PASS	View Log TraceLog_031319_122054_437.txt
A_E2_0780_TH_VEN_1	PASS	View Log TraceLog_031319_122448_169.txt
E0_6010_TH_VEN_1	PASS	View Log TraceLog_031319_123059_696.txt
E0_6020_TH_VEN_1	PASS	View Log TraceLog_031319_123152_287.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_031319_123314_129.txt
E0_6027_TH_VEN_1	PASS	View Log TraceLog_031319_124620_578.txt
E0_6030_TH_VEN_1	PASS	View Log TraceLog_031319_130449_923.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_031319_130620_883.txt
E0_6050_TH_VEN	PASS	View Log TraceLog_031319_131006_588.txt
E0_6055_TH_VEN_1	PASS	View Log TraceLog_031319_152031_310.txt
E0_6060_TH_VEN_1	PASS	View Log TraceLog_031319_152156_380.txt
E0_6065_TH_VEN_1	PASS	View Log TraceLog_031319_152431_913.txt
E0_6070_TH_VEN_1	NA	View Log TraceLog_031319_153334_587.txt
E0_6080_TH_VEN_1	PASS	View Log TraceLog_031319_153353_712.txt
E0_6090_TH_VEN_1	NA	View Log TraceLog_031319_153554_287.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_031319_153712_793.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_031319_153855_068.txt
G0_9020_TH_VEN_1	PASS	View Log TraceLog_031319_154025_256.txt
G0_9030_TH_VEN_1	PASS	View Log TraceLog_031319_154048_257.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_031319_155837_822.txt
A_E2_0440_TH_VEN_1	PASS	View Log TraceLog_031319_170301_074.txt

TEST REPORT

Test Case Result – XMPP Push

Test Case Name	Result	Log
N0_5020_TH_VEN	PASS	View Log TraceLog_031219_103330_913.txt
N0_5015_TH_VEN	PASS	View Log TraceLog_031219_103503_175.txt
N0_5050_TH_VEN_1	PASS	View Log TraceLog_031219_103729_905.txt
N0_5060_TH_VEN	PASS	View Log TraceLog_031219_103903_714.txt
R0_8010_TH_VEN_1	PASS	View Log TraceLog_031219_104020_946.txt
R0_8030_TH_VEN_1	PASS	View Log TraceLog_031219_104142_125.txt
R0_8130_TH_VEN_1	PASS	View Log TraceLog_031219_104435_233.txt
R0_8160_TH_VEN_1	PASS	View Log TraceLog_031219_104549_480.txt
P0_7010_TH_VEN	PASS	View Log TraceLog_031219_105020_992.txt
P0_7015_TH_VEN	PASS	View Log TraceLog_031219_105110_546.txt
P0_7020_TH_VEN	PASS	View Log TraceLog_031219_105213_766.txt
P0_7030_TH_VEN	PASS	View Log TraceLog_031219_105303_601.txt
A_E2_0430_TH_VEN_1	PASS	View Log TraceLog_031219_105456_532.txt
A_E2_0452_TH_VEN_1	PASS	View Log TraceLog_031219_105642_166.txt
E0_6025_TH_VEN_1	PASS	View Log TraceLog_031219_105830_090.txt
E0_6040_TH_VEN_1	PASS	View Log TraceLog_031219_105953_768.txt
G0_9005_TH_VEN_1	PASS	View Log TraceLog_031219_110219_368.txt
G0_9010_TH_VEN_1	PASS	View Log TraceLog_031219_110337_855.txt

REPORT AUTHORIZED

TEST REPORT



Florencio Ponce

Engineer



Vincent Brooks

Reviewer