

10 June 2019

By Email psmith@jadeworl d.com

Peter Smith
Delivery Manager
Jade Software Corporation (NZ) Limited
5 Sir Gil Simpson Drive
Christchurch 8053

Dear Peter

Variation to Registry Manager Market Operator Service Provider Agreement

I refer to the Registry Manager Market Operator Service Provider Agreement (MOSPA) between the Electricity Authority (Authority) and Jade Software Corporation (NZ) Limited, dated 25 January 2017, relating to services provided by Jade Software Corporation (NZ) Limited as the registry manager.

The Authority would like to vary the functional specification in Schedule 3 of the MOSPA, as follows:

- NP-040: correct the example in data outputs section to include notice of transfers (NTs)
- section 1.3.2: correct out of date link to the Code
- PR-030: clarify that zero meter reads are reported as null in the file format description for the reading field in the CS and RR channel section
- SD-020: discontinue CR as a switch withdrawal code
- appendix 9: new appendix to describe the registry files automatically provided to the Authority's data warehouse (CR-1227):
 - sections 1.21 and 1.22 (relating to the Authority's SFTP server) moved to the new appendix
 - information relating to the files delivered to the Authority's cloud storage included in the new appendix
 - references to the Authority's (own) SFTP server replaced with Authority's data warehouse.

A copy of the functional specification with these proposed variations incorporated is attached to this letter. If you agree to it, the varied functional specification will become version 22.27 in Schedule 3 of the MOSPA.

Please confirm your acceptance of the variations proposed in this letter by signing and returning a copy of this letter to me. These proposed variations to the MOSPA will take effect on the date you sign this letter.

Yours sincerely

Rory Blundell

General Manager Market Performance

I, Peter Smith, agree for and on behalf of Jade Software Corporation (NZ) Limited to the variation to the MOSPA set out in this letter.

______Date: _//- 6-/9