

Disclosure of ceasing to have a substantial holding  
*Section 279, Financial Markets Conduct Act 2013*

To: New Zealand Stock Exchange

And: CONTACT ENERGY LTD

Date this disclosure made: 04 December 2017

Date last disclosure made: 24 October 2017

Date on which substantial security holder(s) ceased to have substantial holding: 30 November 2017

**Substantial product holder(s) giving disclosure**

Name(s): BlackRock, Inc. and related bodies corporate

**Summary of previous substantial holding to which disclosure relates**

Class of listed voting securities: Ordinary shares

Summary for: Security holders listed in Appendix A

For **last** disclosure,—

- (a) total number held in class: 38,510,439
- (b) total in class: 716,135,473
- (c) total percentage held in class: 5.378%

For current holding **after** ceasing to have substantial holding:

- (a) total number held in class: 17,264,681
- (b) total in class: 716,221,041
- (c) total percentage held in class: 2.411%

**Details of transactions and events giving rise to person ceasing to have substantial holding**

Details of the transactions or other events requiring disclosure under the instructions to this form: Refer to Appendix B

**Details of relevant interests**

Details for: Product holders listed in Appendix A

Nature of relevant interest(s): The power to control the acquisition or disposal of the quoted voting product and/or the exercise of a right to vote attached to the quoted voting product, arising only from the powers of investment contained in each case under investment management agreements appointing each entity as investment manager of funds or separate accounts (i.e. entity currently exercising investment discretion on behalf of the relevant funds or separate accounts). No relevant agreement document needs to be attached under Regulation 142.

For that relevant interest,—

- (a) number held in class: Refer to Appendix A
- (b) percentage held in class: Refer to Appendix A
- (c) current registered holder(s) of products: Refer to Appendix A
- (d) registered holder(s) of securities once transfers registered: Not applicable

**Additional information**

Nature of connection between substantial security holders: Refer to Appendix A

Address(es) of substantial security holder(s): Refer to Appendix A

Contact details: Kayla Mulvihill, Tel +1-302-797-6268, Email [kayla.mcgrory@blackrock.com](mailto:kayla.mcgrory@blackrock.com)

Name of any other person believed to have given, or believed to be required to give, a disclosure under the Act in relation to the securities to which this disclosure relates: Not Applicable

**Certification**

I, Maria Tricarico, Authorised Signatory, declare that, to the best of my knowledge and belief, the information contained in this disclosure is correct and that I am duly authorised to make this disclosure by all persons for whom it is made.

Holder of Relevant Interests	Total Held in Class				Nature of Association	Address
	Class	CCY	Number of Securities	%		
BlackRock Advisors, LLC	ord	NZD	6,664	0.001%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Financial Management, Inc.	ord	NZD	194,207	0.027%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Institutional Trust Company, National Association	ord	NZD	5,278,228	0.737%	subsidiary of BlackRock Inc.	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management, LLC	ord	NZD	7,124	0.001%	subsidiary of BlackRock Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Investment Management (Australia) Limited	ord	NZD	13,231	0.002%	subsidiary of BlackRock Inc.	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	ord	NZD	1,736,803	0.242%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock (Netherlands) B.V.	ord	NZD	106,907	0.015%	subsidiary of BlackRock Inc.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	ord	NZD	2,909,489	0.406%	subsidiary of BlackRock Inc.	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	ord	NZD	179,507	0.025%	subsidiary of BlackRock Inc.	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	ord	NZD	19,002	0.003%	subsidiary of BlackRock Inc.	16/F, Cheung Kong Center No. 2 Queen's Road Central Hong Kong
BlackRock (Singapore) Limited	ord	NZD	46,859	0.007%	subsidiary of BlackRock Inc.	20 Anson Road #18-01 079912 Singapore
BlackRock Fund Advisors	ord	NZD	6,585,910	0.920%	subsidiary of BlackRock Inc.	400 Howard Street San Francisco, CA, 94105 United States
BlackRock International Limited	ord	NZD	1,282	0.000%	subsidiary of BlackRock Inc.	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Japan Co., Ltd.	ord	NZD	179,468	0.025%	subsidiary of BlackRock Inc.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

## CONTACT ENERGY LTD

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
23-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	11,714	11,714
24-Oct-17	BlackRock Fund Advisors	on mkt buy	5.61	ord	3,535	3,535
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	ord	1,445	1,445
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	ord	27,416	27,416
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	5.55	ord	-6,452	-6,452
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	ord	5,802	5,802
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.55	ord	872	872
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.55	ord	-74,938	-74,938
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.55	ord	-20,075	-20,075
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	5.58	ord	-137,080	-137,080
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	305	305
25-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	5.60	ord	-113,135	-113,135
25-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	5.60	ord	-137,060	-137,060
25-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	12,984	12,984
25-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	-5,086	-5,086
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-7,937	-7,937
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-8,784	-8,784
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.60	ord	6,854	6,854
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	5.60	ord	-5,666	-5,666
26-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.60	ord	467	467
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	2,705	2,705
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	11,714	11,714
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	11,714	11,714
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	8,784	8,784
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.64	ord	5,780	5,780
30-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-12,121	-12,121
30-Oct-17	BlackRock Fund Advisors	on mkt buy	5.70	ord	2,167	2,167
30-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.67	ord	1,727	1,727
30-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	ord	1,792	1,792
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	ord	162	162
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.75	ord	580	580
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.75	ord	-31,708	-31,708
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	67,176	67,176
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	ord	-25,585	-25,585
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	ord	1,842	1,842
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	ord	162	162
01-Nov-17	BlackRock Asset Management Canada Limited	on mkt buy	5.76	ord	235	235
01-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	5,458	5,458
02-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.84	ord	-5,175	-5,175
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	1,082	1,082
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	2,799	2,799
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730
03-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.77	ord	3,684	3,684
03-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.77	ord	-2,547	-2,547
06-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	ord	2,240	2,240
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	5,598	5,598
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	8,115	8,115
06-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-4,561	-4,561
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.76	ord	7,392	7,392

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
07-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	1,458	1,458
07-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-2,300	-2,300
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	ord	1,445	1,445
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	ord	302	302
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	3,240	3,240
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	3,246	3,246
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	5,951	5,951
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	610	610
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.74	ord	-8,676	-8,676
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	ord	1,843	1,843
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	ord	805	805
10-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	16,374	16,374
10-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-66,638	-66,638
10-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
10-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	2,300	2,300
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.74	ord	89,102	89,102
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.75	ord	20,562	20,562
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.75	ord	-2,833	-2,833
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.59	ord	-14,450	-14,450
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.58	ord	23,890	23,890
14-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.58	ord	4,915	4,915
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	2,705	2,705
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
15-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.50	ord	-10,516	-10,516
15-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.53	ord	-106,654	-106,654
15-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	7,033	7,033
15-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-8,260	-8,260
15-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	94,212	94,212
16-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.61	ord	-26,663	-26,663
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.61	ord	376	376
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.61	ord	-18,811	-18,811
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.61	ord	-13,708	-13,708
16-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.61	ord	5,988	5,988
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.61	ord	-28,482	-28,482
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.61	ord	-27,271	-27,271
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	15,148	15,148
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	2,705	2,705
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	23,336	23,336
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
17-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.55	ord	79	79
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	1,944	1,944
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	610	610
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-8,717	-8,717
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	ord	-9,332	-9,332
20-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.55	ord	-17,528	-17,528
20-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	ord	5,138	5,138
21-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	ord	6,748	6,748
21-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.50	ord	1,846	1,846
21-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.50	ord	-11,750	-11,750
21-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-66,638	-66,638
21-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	-48,892	-48,892
21-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	ord	48,892	48,892
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.57	ord	26,992	26,992
22-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.57	ord	-47,236	-47,236
22-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.57	ord	-3,673	-3,673
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	10,140	10,140
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	8,187	8,187
24-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.62	ord	-262	-262

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
24-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.62	ord	-23,882	-23,882
24-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.62	ord	-10,549	-10,549
24-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.62	ord	-68,192	-68,192
24-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.62	ord	-18,662	-18,662
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.63	ord	1,120	1,120
24-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.63	ord	320	320
24-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	9,332	9,332
24-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	ord	8,717	8,717
27-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.53	ord	-147	-147
27-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.53	ord	-13,639	-13,639
27-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.53	ord	-6,021	-6,021
27-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.53	ord	-38,941	-38,941
27-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.53	ord	-10,659	-10,659
27-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	ord	8,688	8,688
27-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.51	ord	26,992	26,992
27-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.51	ord	-2,801	-2,801
27-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.51	ord	-3,442	-3,442
28-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.52	ord	-186	-186
28-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.52	ord	-16,942	-16,942
28-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.52	ord	-7,486	-7,486
28-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.52	ord	-48,378	-48,378
28-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.52	ord	-13,239	-13,239
28-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.48	ord	232	232
28-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	7,464	7,464
28-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
28-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730
29-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.50	ord	-165	-165
29-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.50	ord	-14,877	-14,877
29-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.50	ord	-6,573	-6,573
29-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.50	ord	-42,482	-42,482
29-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.50	ord	-11,625	-11,625
29-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.52	ord	19,884	19,884
29-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	1,620	1,620
29-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	-33,319	-33,319
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-18,042	-18,042
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-1,149	-1,149
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-10,898	-10,898
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,575	-1,575
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-5,714	-5,714
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-217,750	-217,750
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-2,044	-2,044
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-17,235	-17,235
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-54,367	-54,367
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-316,304	-316,304
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-24,259	-24,259
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-174,087	-174,087
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-14,926	-14,926
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-10,541	-10,541
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-9,107	-9,107
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-2,141	-2,141
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-24,703	-24,703
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-64,796	-64,796

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-955,000	-955,000
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-142,387	-142,387
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-819	-819
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-320,814	-320,814
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-382	-382
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-26,963	-26,963
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-473,554	-473,554
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-116,602	-116,602
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-58,488	-58,488
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-35,234	-35,234
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-50,693	-50,693
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-5,682	-5,682
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-524,680	-524,680
30-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	5.40	ord	-11,179	-11,179
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-6,749	-6,749
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-15,349	-15,349
30-Nov-17	BlackRock Fund Advisors	on mkt buy	5.40	ord	1,124,475	1,124,475
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-3,660	-3,660
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-1,907	-1,907
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-3,981	-3,981
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ord	2,631,212	2,631,212
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ord	180,285	180,285
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ord	643,607	643,607
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ord	16,454	16,454
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-7,065	-7,065
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,101,921	-1,101,921
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-51,816	-51,816
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-60,391	-60,391
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-14,983	-14,983
30-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	5.40	ord	-16,758	-16,758
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-39,336	-39,336
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-34,686	-34,686
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-178,385	-178,385
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-18,092	-18,092
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-113,263	-113,263
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-105,140	-105,140
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-31,787	-31,787
30-Nov-17	BlackRock (Singapore) Limited	on mkt sell	5.40	ord	-5,219	-5,219
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-5,012	-5,012
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-6,755	-6,755
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-22,467	-22,467
30-Nov-17	BlackRock Advisors, LLC	on mkt sell	5.40	ord	-43,727	-43,727
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-3,709	-3,709
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	5.40	ord	77,327	77,327
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-238,803	-238,803

Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-305,887	-305,887
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-8,498	-8,498
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-64,903	-64,903
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-6,510	-6,510
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-26,080	-26,080
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-54,854	-54,854
30-Nov-17	BlackRock (Netherlands) B.V.	on mkt sell	5.40	ord	-15,302	-15,302
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-173,032	-173,032
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-253,365	-253,365
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,006,702	-1,006,702
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-3,267	-3,267
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-77,209	-77,209
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-554,067	-554,067
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-47,503	-47,503
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-141,596	-141,596
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-20,361	-20,361
30-Nov-17	BlackRock International Limited	on mkt sell	5.40	ord	-256,332	-256,332
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-33,547	-33,547
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-102,132	-102,132
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-104,327	-104,327
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-4,573	-4,573
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-28,983	-28,983
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-79,256	-79,256
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-7,508	-7,508
30-Nov-17	BlackRock (Netherlands) B.V.	on mkt sell	5.40	ord	-33,094	-33,094
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-209,186	-209,186
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-6,813	-6,813
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-78,623	-78,623
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-61,324	-61,324
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.40	ord	30,996	30,996
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-206,226	-206,226
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-5,706	-5,706
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-221,819	-221,819
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-13,093	-13,093
30-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	5.40	ord	-117,086	-117,086
30-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	5.40	ord	-6,386	-6,386
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-44,485	-44,485
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-22,095	-22,095
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-3,039,478	-3,039,478
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-453,174	-453,174
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-2,955,703	-2,955,703
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-424,559	-424,559
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-2,606	-2,606
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-1,021,059	-1,021,059
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-17,160	-17,160
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-472,281	-472,281
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-1,005	-1,005
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-2,748	-2,748
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-177,937	-177,937
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-7,856	-7,856
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-280,194	-280,194
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-6,825	-6,825
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-19,475	-19,475
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-91,044	-91,044
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-13,507	-13,507



Transaction Date	Person whose relevant interest changed	Nature of change / Consideration (NZD)		Class and number of securities affected		Person's votes affected
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-49,313	-49,313
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-1,614	-1,614
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-142,756	-142,756
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,215	-1,215
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-39,843	-39,843
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-45,366	-45,366
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-14,229	-14,229
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-24,072	-24,072
30-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	5.40	ord	-57,661	-57,661
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-39,025	-39,025
30-Nov-17	BlackRock Advisors, LLC	on mkt sell	5.40	ord	-534,134	-534,134
30-Nov-17	BlackRock Advisors, LLC	on mkt sell	5.40	ord	-17,654	-17,654
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-85,816	-85,816
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,507,179	-1,507,179
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-371,108	-371,108
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-186,155	-186,155
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-112,140	-112,140
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-161,342	-161,342
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-9,494	-9,494
30-Nov-17	BlackRock Fund Advisors	on mkt sell	5.40	ord	-16,795	-16,795
30-Nov-17	BlackRock Investment Management, LLC	on mkt sell	5.40	ord	-14,350	-14,350
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-14,387	-14,387
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-30,016	-30,016
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-39,547	-39,547
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-18,086	-18,086
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	5.40	ord	-838,962	-838,962
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-1,669,896	-1,669,896
30-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	5.40	ord	-35,580	-35,580
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-48,100	-48,100
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-26,264	-26,264
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-21,479	-21,479
30-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	5.40	ord	-14,140	-14,140
30-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	5.40	ord	-28,975	-28,975
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	5.40	ord	-48,851	-48,851
30-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	5.40	ord	417,109	417,109
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-1,154	-1,154
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-49,999	-49,999
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-11,681	-11,681
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-1,221	-1,221
30-Nov-17	BlackRock Japan Co., Ltd.	on mkt sell	5.40	ord	-9,088	-9,088
30-Nov-17	BlackRock Investment Management (UK) Limited	on mkt buy	5.40	ord	11,189	11,189
30-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	93,840	93,840
30-Nov-17	BlackRock Fund Advisors	in specie	n/a	ord	11,730	11,730