

Form 605Corporations Act 2001
Section 671B**Notice of ceasing to be a substantial holder**

To Company Name/Scheme

ACN/ARSN

1. Details of substantial holder(1)

Name

ACN/ARSN (if applicable)

The holder ceased to be a
substantial holder on

/ /

The previous notice was given to the company on

/ /

The previous notice was dated

/ /

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change(5)	Class (6) and number of securities affected	Person's votes affected

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association

4. Addresses

The addresses of persons named in this form are as follows:

Name	Address

Signature

print name

capacity

sign here

date / /

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 4 of the form.
- (2) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (3) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (4) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (5) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
- (6) The voting shares of a company constitute one class unless divided into separate classes.
- (7) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

This is Annexure A of 11 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

27-Nov-17

Maria Tricarico,
Authorised Signatory

Date

2. Changes in relevant interests

ORIGIN ENERGY (ORG)							
Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
20-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.48	AUD	ORD	39,942	39,942
20-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	7.48	AUD	ORD	-48,150	-48,150
20-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	620	620
20-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21	21
20-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-30	-30
20-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	10	10
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	7.41	AUD	ORD	-1,593	-1,593
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	7.41	AUD	ORD	-6,907	-6,907
21-Sep-17	BlackRock Investment Management, LLC	on mkt sell	7.41	AUD	ORD	-2,742	-2,742
21-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	7.41	AUD	ORD	-5,401	-5,401
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.42	AUD	ORD	846	846
21-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.41	AUD	ORD	1,244	1,244
21-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.41	AUD	ORD	-28,051	-28,051
21-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.41	AUD	ORD	17,980	17,980
21-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.41	AUD	ORD	18,504	18,504
21-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,128	3,128
21-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,038	7,038
21-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-39,285	-39,285
21-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,880	26,880
21-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-64,000	-64,000
21-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	262	262
21-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-230	-230
21-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-34	-34
22-Sep-17	BlackRock Fund Advisors	on mkt buy	7.36	AUD	ORD	8,285	8,285
22-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	7.33	AUD	ORD	168	168
22-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.36	AUD	ORD	7,785	7,785
22-Sep-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	10,456	10,456
22-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-73,695	-73,695
22-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,471	-1,471
22-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-2,940	-2,940
22-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-1,139	-1,139
25-Sep-17	BlackRock Japan Co., Ltd.	on mkt sell	7.32	AUD	ORD	-1,923	-1,923
25-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	614	614
25-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,504	21,504
25-Sep-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	42,679	42,679
25-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	124,193	124,193
25-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	236,708	236,708
25-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	100,557	100,557
26-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	7.39	AUD	ORD	-1,830	-1,830
26-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.39	AUD	ORD	3,556	3,556
26-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	7.39	AUD	ORD	-50,329	-50,329
26-Sep-17	BlackRock Financial Management, Inc.	on mkt sell	7.39	AUD	ORD	-146,210	-146,210

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
26-Sep-17	BlackRock Financial Management, Inc.	on mkt buy	7.39	AUD	ORD	146,210	146,210
26-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	1,704,000	1,704,000
26-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,120	2,120
26-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,648	-3,648
26-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,528	1,528
27-Sep-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-128,782	-128,782
27-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.45	AUD	ORD	56,457	56,457
27-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.45	AUD	ORD	-7,357	-7,357
27-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-15,714	-15,714
27-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,857	7,857
27-Sep-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,704,004	-1,704,004
27-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-4,982	-4,982
27-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,824	3,824
27-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,157	1,157
28-Sep-17	BlackRock Advisors (UK) Limited	on mkt sell	7.50	AUD	ORD	-2,196	-2,196
28-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.50	AUD	ORD	7,110	7,110
28-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.50	AUD	ORD	3,060	3,060
28-Sep-17	BlackRock Advisors (UK) Limited	on mkt buy	7.50	AUD	ORD	1,866	1,866
28-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.50	AUD	ORD	6,928	6,928
28-Sep-17	BlackRock Fund Advisors	on mkt buy	7.50	AUD	ORD	12,429	12,429
28-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	40,320	40,320
28-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	22,452	22,452
28-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-471	-471
28-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-70	-70
28-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	4,389	4,389
28-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,319	-4,319
29-Sep-17	BlackRock Investment Management (Australia) Limited	in specie	n/a	AUD	ORD	427,824	427,824
29-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.48	AUD	ORD	-3,639	-3,639
29-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.48	AUD	ORD	-28,137	-28,137
29-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.48	AUD	ORD	31,776	31,776
29-Sep-17	BlackRock Investment Management (UK) Limited	on mkt sell	7.48	AUD	ORD	-30,813	-30,813
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.48	AUD	ORD	17,744	17,744
29-Sep-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.48	AUD	ORD	100,280	100,280
29-Sep-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.48	AUD	ORD	2,685	2,685
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.48	AUD	ORD	6,931	6,931
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.48	AUD	ORD	4,671	4,671
29-Sep-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.48	AUD	ORD	8,439	8,439
29-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	36,288	36,288
29-Sep-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-6,256	-6,256
29-Sep-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	78,754	78,754
29-Sep-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-78,754	-78,754
29-Sep-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-7,660	-7,660
29-Sep-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-11,212	-11,212
29-Sep-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4,128	-4,128
02-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.40	AUD	ORD	3,555	3,555
02-Oct-17	BlackRock Fund Advisors	on mkt buy	7.40	AUD	ORD	8,509	8,509
02-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	39,555	39,555

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
02-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-618	-618
02-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,380	1,380
02-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-763	-763
03-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.34	AUD	ORD	28,785	28,785
03-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.34	AUD	ORD	13,655	13,655
03-Oct-17	BlackRock Fund Advisors	on mkt buy	7.34	AUD	ORD	21,478	21,478
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.34	AUD	ORD	7,110	7,110
03-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.34	AUD	ORD	420	420
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.34	AUD	ORD	16,448	16,448
03-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.34	AUD	ORD	6,562	6,562
03-Oct-17	BlackRock Fund Advisors	on mkt buy	7.34	AUD	ORD	11,001	11,001
03-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	6,103	6,103
03-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-8,516	-8,516
03-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,413	2,413
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	7.23	AUD	ORD	-34,868	-34,868
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	7.23	AUD	ORD	-3,609	-3,609
04-Oct-17	BlackRock Asset Management Canada Limited	on mkt buy	7.21	AUD	ORD	6,949	6,949
04-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.23	AUD	ORD	26,728	26,728
04-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.23	AUD	ORD	1,525	1,525
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,600	33,600
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,784	14,784
04-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	28,622	28,622
04-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-3,574	-3,574
04-Oct-17	BlackRock Investment Management	collateral transfer	n/a	AUD	ORD	174,182	174,182
04-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,608	-5,608
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.15	AUD	ORD	2,448	2,448
05-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.15	AUD	ORD	6,100	6,100
05-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,484	-7,484
05-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-14,968	-14,968
05-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-7,484	-7,484
05-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	45,966	45,966
05-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-36,967	-36,967
05-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-48,582	-48,582
05-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-24,451	-24,451
06-Oct-17	BlackRock Financial Management, Inc.	on mkt buy	7.10	AUD	ORD	140	140
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.08	AUD	ORD	562	562
06-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.08	AUD	ORD	3,050	3,050
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,460	4,460
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	30,912	30,912
06-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	31,756	31,756
06-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	143,114	143,114
06-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-12,598	-12,598
06-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	10,140	10,140
06-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	2,458	2,458
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.09	AUD	ORD	-7,190	-7,190

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
09-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.09	AUD	ORD	7,110	7,110
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.09	AUD	ORD	-2,240	-2,240
09-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.09	AUD	ORD	-20,354	-20,354
09-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	2,048	2,048
09-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3,837	3,837
09-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-5,482	-5,482
10-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.10	AUD	ORD	8,169	8,169
10-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.00	AUD	ORD	25,761	25,761
10-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.00	AUD	ORD	13,764	13,764
10-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	21,504	21,504
10-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-22,420	-22,420
10-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	22,420	22,420
10-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-12,170	-12,170
10-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	107	107
10-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,207	-2,207
10-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2,874	2,874
10-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-774	-774
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	7.02	AUD	ORD	-119,226	-119,226
11-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	7.02	AUD	ORD	-23,080	-23,080
11-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.03	AUD	ORD	-32,427	-32,427
11-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.02	AUD	ORD	23,839	23,839
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,380	13,380
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	26,880	26,880
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	10,752	10,752
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,036	3,036
11-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-471	-471
11-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
11-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1,731	-1,731
11-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,558	1,558
11-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	170	170
12-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.12	AUD	ORD	21,168	21,168
12-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	AUD	ORD	15,639	15,639
12-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.12	AUD	ORD	4,043	4,043
12-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-44	-44
12-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-25,591	-25,591
12-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-60,100	-60,100
12-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-24,265	-24,265
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.17	AUD	ORD	-588	-588
13-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.17	AUD	ORD	-7,182	-7,182
13-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.17	AUD	ORD	5,031	5,031
13-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	15,168	15,168

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
13-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	12,170	12,170
13-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	145,103	145,103
13-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	4	4
13-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-2,270	-2,270
13-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1,219	1,219
13-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,047	1,047
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-7,204	-7,204
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.35	AUD	ORD	-8,960	-8,960
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	4,904	4,904
16-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.35	AUD	ORD	4,291	4,291
16-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	AUD	ORD	-38,560	-38,560
16-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.35	AUD	ORD	-49,942	-49,942
16-Oct-17	BlackRock Fund Advisors	on mkt buy	7.35	AUD	ORD	9,712	9,712
16-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-123,320	-123,320
16-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-1	-1
16-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3,210	3,210
16-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,768	-3,768
16-Oct-17	BlackRock Asset Management North	collateral transfer	n/a	AUD	ORD	559	559
17-Oct-17	BlackRock Asset Management	on mkt buy	7.39	AUD	ORD	15,204	15,204
17-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.39	AUD	ORD	3,065	3,065
17-Oct-17	BlackRock Investment Management, LLC	on mkt sell	7.39	AUD	ORD	-19,142	-19,142
17-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	33,600	33,600
17-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-75,940	-75,940
17-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	3	3
17-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-5,170	-5,170
17-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-97,032	-97,032
17-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1,200	1,200
18-Oct-17	BlackRock Investment Management	on mkt sell	7.40	AUD	ORD	-55,328	-55,328
18-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	7.40	AUD	ORD	-1,105	-1,105
18-Oct-17	BlackRock International Limited	on mkt sell	7.40	AUD	ORD	-1,270	-1,270
18-Oct-17	BlackRock Financial Management, Inc.	on mkt sell	7.40	AUD	ORD	-1,712	-1,712
18-Oct-17	BlackRock Investment Management, LLC	on mkt sell	7.40	AUD	ORD	-1,134	-1,134
18-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.41	AUD	ORD	1,090	1,090
18-Oct-17	BlackRock Financial Management, Inc.	on mkt buy	7.41	AUD	ORD	3,329	3,329
18-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,440	13,440
18-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	117,072	117,072
18-Oct-17	BlackRock Financial Management, Inc.	collateral transfer	n/a	AUD	ORD	-71	-71
18-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-33,799	-33,799
18-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-111,665	-111,665
18-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-40,923	-40,923
19-Oct-17	BlackRock Investment Management (UK) Limited	on mkt buy	7.41	AUD	ORD	7,488	7,488
19-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.56	AUD	ORD	1,240	1,240
19-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt buy	7.56	AUD	ORD	4,313	4,313
19-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.56	AUD	ORD	77,249	77,249

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
19-Oct-17	BlackRock Asset Management Canada Limited	on mkt buy	7.56	AUD	ORD	3,117	3,117
19-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-325	-325
19-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	237	237
19-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	89	89
20-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.55	AUD	ORD	7,056	7,056
20-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.55	AUD	ORD	4,480	4,480
20-Oct-17	BlackRock Investment Management (Australia) Limited	on mkt sell	7.55	AUD	ORD	-342,329	-342,329
20-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	7	7
20-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-51	-51
20-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	44	44
23-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.52	AUD	ORD	3,528	3,528
23-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1	-1
23-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	13,113	13,113
23-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-17	-17
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.46	AUD	ORD	-14,408	-14,408
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.46	AUD	ORD	-10,806	-10,806
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.46	AUD	ORD	1,525	1,525
24-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.46	AUD	ORD	-36,457	-36,457
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.46	AUD	ORD	-17,490	-17,490
24-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.46	AUD	ORD	-19,440	-19,440
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,036	3,036
24-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	13,156	13,156
24-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	1	1
24-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	2	2
24-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4	-4
25-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt buy	7.60	AUD	ORD	6,818	6,818
25-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	32,256	32,256
25-Oct-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-8,423	-8,423
25-Oct-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-74,172	-74,172
25-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-10	-10
25-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	7	7
26-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,720	6,720
26-Oct-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	21,550	21,550
26-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-261,750	-261,750
26-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	259	259
26-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-262	-262
26-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	1	1
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.85	AUD	ORD	14,112	14,112
27-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.85	AUD	ORD	-10,806	-10,806
27-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	251,304	251,304
27-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	23,368	23,368
27-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	700	700
27-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	167,088	167,088
27-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	907	907
30-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-6	-6

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30-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-23,368	-23,368
30-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-731	-731
30-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-124,410	-124,410
30-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-860	-860
31-Oct-17	BlackRock Institutional Trust Company, National Association	on mkt sell	7.94	AUD	ORD	-75,529	-75,529
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt sell	7.94	AUD	ORD	-3,050	-3,050
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.94	AUD	ORD	4,904	4,904
31-Oct-17	BlackRock Advisors (UK) Limited	on mkt buy	7.94	AUD	ORD	620	620
31-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	7.94	AUD	ORD	-330,483	-330,483
31-Oct-17	BlackRock Investment Management (UK) Limited	on mkt sell	7.94	AUD	ORD	-32,086	-32,086
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	68,328	68,328
31-Oct-17	BlackRock Fund Advisors	on mkt sell	7.94	AUD	ORD	-21,449	-21,449
31-Oct-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-68,413	-68,413
31-Oct-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	553,444	553,444
31-Oct-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	76,712	76,712
31-Oct-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-22	-22
31-Oct-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	52	52
31-Oct-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-30	-30
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.09	AUD	ORD	19,157	19,157
01-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.08	AUD	ORD	12,324	12,324
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.08	AUD	ORD	4,480	4,480
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.08	AUD	ORD	620	620
01-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.08	AUD	ORD	-84,893	-84,893
01-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.08	AUD	ORD	-1,085	-1,085
01-Nov-17	BlackRock Fund Advisors	on mkt buy	8.08	AUD	ORD	15,594	15,594
01-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-35,152	-35,152
01-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-10	-10
01-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	13	13
01-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3	-3
02-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.12	AUD	ORD	-119,232	-119,232
02-Nov-17	BlackRock (Netherlands) B.V.	on mkt sell	8.12	AUD	ORD	-9,339	-9,339
02-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	8.12	AUD	ORD	-3,348	-3,348
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,688	2,688
02-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	2,847	2,847
02-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	8,702	8,702
02-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	10,255	10,255
02-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-10,456	-10,456
02-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	464,458	464,458
02-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	256,001	256,001
02-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-1	-1
02-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	5	5
02-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3	-3
03-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.15	AUD	ORD	13,156	13,156

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
03-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.17	AUD	ORD	8,960	8,960
03-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.17	AUD	ORD	-1,956	-1,956
03-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-26,476	-26,476
03-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-14,000	-14,000
03-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	8	8
03-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-22	-22
03-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	14	14
06-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.27	AUD	ORD	-187	-187
06-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.25	AUD	ORD	6,130	6,130
06-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	8.25	AUD	ORD	-15,357	-15,357
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,694	5,694
06-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	20,160	20,160
06-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-12,516	-12,516
06-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	26,747	26,747
06-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	13	13
06-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-36	-36
06-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	23	23
07-Nov-17	BlackRock Financial Management, Inc.	in specie	n/a	AUD	ORD	4,518	4,518
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.44	AUD	ORD	834	834
07-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.44	AUD	ORD	20,229	20,229
07-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.44	AUD	ORD	-261,120	-261,120
07-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	4,014	4,014
07-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-6,036	-6,036
07-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-150,999	-150,999
07-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	365	365
07-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-336	-336
07-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	10	10
08-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.35	AUD	ORD	11,351	11,351
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.35	AUD	ORD	3,529	3,529
08-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.35	AUD	ORD	824	824
08-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	8.35	AUD	ORD	5,000	5,000
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,920	8,920
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,060	5,060
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,064	8,064
08-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	14,784	14,784
08-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	78,685	78,685
08-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-325	-325
08-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	330	330
08-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-4	-4
09-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.39	AUD	ORD	1,126	1,126
09-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	95,284	95,284

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09-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
09-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	4	4
09-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-85	-85
09-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	81	81
10-Nov-17	BlackRock Investment Management (UK) Limited	on mkt sell	8.39	AUD	ORD	-5,766	-5,766
10-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.39	AUD	ORD	-35,368	-35,368
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.39	AUD	ORD	-21,180	-21,180
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.39	AUD	ORD	4,482	4,482
10-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.39	AUD	ORD	-89,913	-89,913
10-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.39	AUD	ORD	-22,611	-22,611
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.39	AUD	ORD	17,292	17,292
10-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.39	AUD	ORD	5,319	5,319
10-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	1,077	1,077
10-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	3,742	3,742
10-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	6,036	6,036
10-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	491,936	491,936
10-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	210,544	210,544
10-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	11	11
10-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-10	-10
13-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.36	AUD	ORD	46,852	46,852
13-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	207,188	207,188
13-Nov-17	BlackRock Investment Management,	collateral transfer	n/a	AUD	ORD	17	17
13-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-41	-41
13-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	24	24
14-Nov-17	BlackRock Investment Management, LLC	on mkt buy	8.24	AUD	ORD	2,391	2,391
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.26	AUD	ORD	-35,800	-35,800
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.27	AUD	ORD	-25,228	-25,228
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.27	AUD	ORD	-1,526	-1,526
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.27	AUD	ORD	-4,044	-4,044
14-Nov-17	BlackRock Asset Management Canada Limited	on mkt sell	8.27	AUD	ORD	-9,804	-9,804
14-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.27	AUD	ORD	14,378	14,378
14-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.27	AUD	ORD	41,692	41,692
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,720	6,720
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	11,226	11,226
14-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-3,742	-3,742
14-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	49	49
14-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-10,151	-10,151
14-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	85	85
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.10	AUD	ORD	-120,673	-120,673
15-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.08	AUD	ORD	14,378	14,378
15-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-7,238	-7,238
15-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	8.08	AUD	ORD	70,514	70,514

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15-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	17,472	17,472
15-Nov-17	BlackRock Institutional Trust Company, National Association	in specie	n/a	AUD	ORD	-21,916	-21,916
15-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-784,713	-784,713
15-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	3	3
15-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	1	1
15-Nov-17	BlackRock Asset Management North	collateral transfer	n/a	AUD	ORD	-4	-4
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.10	AUD	ORD	-4,796	-4,796
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-46,605	-46,605
16-Nov-17	BlackRock Fund Advisors	on mkt sell	8.10	AUD	ORD	-15,368	-15,368
16-Nov-17	BlackRock Advisors (UK) Limited	on mkt sell	8.10	AUD	ORD	-15,231	-15,231
16-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.10	AUD	ORD	-13,919	-13,919
16-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.10	AUD	ORD	-8,872	-8,872
16-Nov-17	BlackRock Fund Advisors	on mkt sell	8.10	AUD	ORD	-8,565	-8,565
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	37,632	37,632
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	6,720	6,720
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	57,520	57,520
16-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	-23,826	-23,826
16-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	179,010	179,010
16-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	3,067	3,067
16-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-9	-9
16-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-3,051	-3,051
16-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-7	-7
17-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.17	AUD	ORD	-715	-715
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.17	AUD	ORD	-2,332	-2,332
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.17	AUD	ORD	-1,164	-1,164
17-Nov-17	BlackRock International Limited	on mkt sell	8.17	AUD	ORD	-834	-834
17-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.17	AUD	ORD	-3,581	-3,581
17-Nov-17	BlackRock Investment Management, LLC	on mkt sell	8.17	AUD	ORD	-15,494	-15,494
17-Nov-17	BlackRock Financial Management, Inc.	on mkt sell	8.17	AUD	ORD	-13,608	-13,608
17-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.18	AUD	ORD	367	367
17-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt sell	8.18	AUD	ORD	-129,135	-129,135
17-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.18	AUD	ORD	-3,424	-3,424
17-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	5,352	5,352
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	22,877	22,877
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-22,877	-22,877
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	-24,489	-24,489
17-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	24,489	24,489
17-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-52,820	-52,820
17-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	-14	-14
17-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	44	44
17-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-30	-30
20-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	8.20	AUD	ORD	29,247	29,247
20-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	11,150	11,150
20-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	540,092	540,092
20-Nov-17	BlackRock Advisors (UK) Limited	collateral transfer	n/a	AUD	ORD	-210,544	-210,544
20-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	21	21
20-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-131	-131
20-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	110	110
21-Nov-17	BlackRock Advisors (UK) Limited	on mkt buy	8.26	AUD	ORD	4,545	4,545
21-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	8.26	AUD	ORD	107,448	107,448
21-Nov-17	BlackRock Institutional Trust Company, National Association	on mkt buy	8.26	AUD	ORD	73,775	73,775
21-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	8,602	8,602

Date of Change	Person whose relevant interest changed	Nature of change (4) / Consideration given in relation to change (5)		CCY	Class (6) and number of securities affected		Person's votes affected
21-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-424,309	-424,309
21-Nov-17	BlackRock Investment Management, LLC	collateral transfer	n/a	AUD	ORD	14	14
21-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	-53	-53
21-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	39	39
22-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt sell	8.38	AUD	ORD	-153,599	-153,599
22-Nov-17	BlackRock Investment Management (Australia) Limited	on mkt buy	8.39	AUD	ORD	7,465	7,465
22-Nov-17	BlackRock Investment Management (UK) Limited	in specie	n/a	AUD	ORD	-289,313	-289,313
22-Nov-17	BlackRock Advisors (UK) Limited	in specie	n/a	AUD	ORD	289,313	289,313
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	24,890	24,890
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,584	7,584
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,484	7,484
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,484	7,484
22-Nov-17	BlackRock Fund Advisors	in specie	n/a	AUD	ORD	7,484	7,484
22-Nov-17	BlackRock Japan Co., Ltd.	collateral transfer	n/a	AUD	ORD	-1,134,915	-1,134,915
22-Nov-17	BlackRock Investment Management (UK) Limited	collateral transfer	n/a	AUD	ORD	3	3
22-Nov-17	BlackRock Asset Management North Asia Limited	collateral transfer	n/a	AUD	ORD	-3	-3

This is Annexure B of 1 pages referred to in form 605 Notice of ceasing to be a substantial shareholder

Maria Tricarico,
Authorised Signatory

27-Nov-17
Date

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom
BlackRock Asset Management Canada Limited	161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada
BlackRock Asset Management North Asia Limited	15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock International Limited	Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States
BlackRock Japan Co., Ltd.	Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan)

This is Annexure C of 1 page referred to in 605 Notice of ceasing to be a substantial shareholder

-----27-Nov-17-----
 Maria Tricarico, Authorised Signatory Date

Type of agreement:	Global Master Securities Lending Agreement
Parties to agreement:	Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited
Transfer date:	Refer to Annexure A (transactions identified as collateral transfers)
Holder of voting rights:	BlackRock Asset Management North Asia Limited (as investment manager for the funds)
Are there any restrictions on voting rights? If yes, detail	Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights.
Scheduled return date (if any):	Not applicable.
Does the borrower have the right to return early? If yes, detail	Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency
Does the lender have the right to recall early? If yes, detail	Yes, at notice.
Will the securities be returned on settlement? If yes, detail any exceptions	Yes.

A copy of this agreement will be provided to Origin Energy or the Australian Securities and Investments Commission upon request.