

Form 605Corporations Act 2001
Section 671B**Notice of ceasing to be a substantial holder**To Company Name/Scheme Paladin Energy Ltd.ACN/ARSN 061 681 098**1. Details of substantial holder (1)**Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including Vanguard Investments Australia Ltd. and those listed in Annexure A)ACN/ARSN (if applicable) N/AThe holder ceased to be a substantial holder on 23 December 2024The previous notice was given to the company on 20 September 2023The previous notice was dated 20 September 2023**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
See Annexure A					Vanguard Group now holds 4.091% of voting power

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
N/A	N/A

4. Addresses

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

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

Signatureprint name Shawn Acker capacity Compliance Managersign here  date 30 December 2024

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.

To Company
ACN/ARSN

Paladin Energy Ltd.
061 681 098

Substantial Holder Name
ACN/ARSN

The Vanguard Group, Inc.
N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Sep-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	307,706	307,706
22-Sep-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	21,415	21,415
25-Sep-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	79,492	79,492
26-Sep-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	314,361	314,361
28-Sep-2023	The Vanguard Group, Inc.	BUY	1.09	Ordinary	42,537	42,537
4-Oct-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	39,880	39,880
10-Oct-2023	The Vanguard Group, Inc.	SELL	1.01	Ordinary	(84,258)	(84,258)
12-Oct-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	7,976	7,976
13-Oct-2023	The Vanguard Group, Inc.	BUY	0.98	Ordinary	383,950	383,950
25-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(252,774)	(252,774)
26-Oct-2023	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(126,387)	(126,387)
26-Oct-2023	The Vanguard Group, Inc.	BUY	0.99	Ordinary	383,905	383,905
27-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(42,129)	(42,129)
27-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(84,258)	(84,258)
27-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(252,774)	(252,774)
30-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(154,473)	(154,473)
31-Oct-2023	The Vanguard Group, Inc.	SELL	0.95	Ordinary	(126,387)	(126,387)
7-Nov-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	20,120	20,120
10-Nov-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	24,822	24,822
14-Nov-2023	The Vanguard Group, Inc.	BUY	1.01	Ordinary	66,848	66,848
16-Nov-2023	The Vanguard Group, Inc.	BUY	0.94	Ordinary	42,129	42,129
20-Nov-2023	The Vanguard Group, Inc.	BUY	1.00	Ordinary	20,890	20,890
22-Nov-2023	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(152,747)	(152,747)
22-Nov-2023	The Vanguard Group, Inc.	BUY	1.01	Ordinary	42,129	42,129
28-Nov-2023	The Vanguard Group, Inc.	BUY	1.03	Ordinary	154,473	154,473
1-Dec-2023	The Vanguard Group, Inc.	BUY	1.06	Ordinary	20,890	20,890
4-Dec-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	44,079	44,079
4-Dec-2023	The Vanguard Group, Inc.	BUY	1.04	Ordinary	58,772	58,772
4-Dec-2023	The Vanguard Group, Inc.	BUY	1.05	Ordinary	166,671	166,671
27-Dec-2023	The Vanguard Group, Inc.	BUY	1.00	Ordinary	73,520	73,520
2-Jan-2024	The Vanguard Group, Inc.	SELL	0.99	Ordinary	(41,664)	(41,664)
5-Jan-2024	The Vanguard Group, Inc.	BUY	1.02	Ordinary	45,738	45,738
5-Jan-2024	The Vanguard Group, Inc.	SELL	1.02	Ordinary	(29,934)	(29,934)
9-Jan-2024	The Vanguard Group, Inc.	BUY	1.05	Ordinary	296,220	296,220
18-Jan-2024	The Vanguard Group, Inc.	BUY	1.27	Ordinary	19,345	19,345
18-Jan-2024	The Vanguard Group, Inc.	BUY	1.27	Ordinary	9,258	9,258
19-Jan-2024	The Vanguard Group, Inc.	BUY	1.24	Ordinary	18,510	18,510
23-Jan-2024	The Vanguard Group, Inc.	BUY	1.22	Ordinary	23,310	23,310
25-Jan-2024	The Vanguard Group, Inc.	BUY	1.23	Ordinary	311,650	311,650
29-Jan-2024	The Vanguard Group, Inc.	BUY	1.23	Ordinary	18,530	18,530
1-Feb-2024	The Vanguard Group, Inc.	SELL	1.30	Ordinary	(136,190)	(136,190)
1-Feb-2024	The Vanguard Group, Inc.	BUY	1.30	Ordinary	23,430	23,430
5-Feb-2024	The Vanguard Group, Inc.	BUY	1.36	Ordinary	23,430	23,430
7-Feb-2024	The Vanguard Group, Inc.	BUY	1.44	Ordinary	19,525	19,525
12-Feb-2024	The Vanguard Group, Inc.	BUY	1.33	Ordinary	58,035	58,035
16-Feb-2024	The Vanguard Group, Inc.	BUY	1.26	Ordinary	34,740	34,740
20-Feb-2024	The Vanguard Group, Inc.	BUY	1.25	Ordinary	12,164	12,164
21-Feb-2024	The Vanguard Group, Inc.	SELL	1.18	Ordinary	(160,524)	(160,524)
23-Feb-2024	The Vanguard Group, Inc.	SELL	1.12	Ordinary	(53,380)	(53,380)
28-Feb-2024	The Vanguard Group, Inc.	BUY	1.26	Ordinary	40,419	40,419
5-Mar-2024	The Vanguard Group, Inc.	SELL	1.21	Ordinary	(66,725)	(66,725)
5-Mar-2024	The Vanguard Group, Inc.	BUY	1.20	Ordinary	335,249	335,249
8-Mar-2024	The Vanguard Group, Inc.	SELL	1.23	Ordinary	(26,690)	(26,690)
8-Mar-2024	The Vanguard Group, Inc.	SELL	1.23	Ordinary	(53,380)	(53,380)
13-Mar-2024	The Vanguard Group, Inc.	SELL	1.25	Ordinary	(66,725)	(66,725)
15-Mar-2024	The Vanguard Group, Inc.	BUY	1.20	Ordinary	34,380	34,380
21-Mar-2024	The Vanguard Group, Inc.	SELL	1.39	Ordinary	(25,750)	(25,750)
26-Mar-2024	The Vanguard Group, Inc.	BUY	1.40	Ordinary	221,480	221,480
27-Mar-2024	The Vanguard Group, Inc.	BUY	1.37	Ordinary	270,265	270,265
28-Mar-2024	The Vanguard Group, Inc.	BUY	1.37	Ordinary	23,316	23,316
2-Apr-2024	The Vanguard Group, Inc.	BUY	1.43	Ordinary	31,288	31,288
5-Apr-2024	The Vanguard Group, Inc.	BUY	1.43	Ordinary	19,310	19,310
10-Apr-2024	The Vanguard Group, Inc.	SELL	1.50	Ordinary	(18,245)	(18,245)
10-Apr-2024	The Vanguard Group, Inc.	BUY	1.53	Ordinary	81,087	81,087
11-Apr-2024	The Vanguard Group, Inc.	CORPORATE ACTION		Ordinary	(94,229,681)	(94,229,681)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Apr-2024	The Vanguard Group, Inc.	BUY	15.36	Ordinary	1,628	1,628
15-Apr-2024	The Vanguard Group, Inc.	SELL	15.70	Ordinary	(6,985)	(6,985)
15-Apr-2024	The Vanguard Group, Inc.	BUY	15.64	Ordinary	20,805	20,805
17-Apr-2024	The Vanguard Group, Inc.	BUY	14.63	Ordinary	15,874	15,874
22-Apr-2024	The Vanguard Group, Inc.	BUY	9.22	Ordinary	2,355	2,355
22-Apr-2024	The Vanguard Group, Inc.	SELL	9.22	Ordinary	(2,355)	(2,355)
23-Apr-2024	The Vanguard Group, Inc.	SELL	13.94	Ordinary	(2,742)	(2,742)
24-Apr-2024	The Vanguard Group, Inc.	SELL	13.61	Ordinary	(4,113)	(4,113)
25-Apr-2024	The Vanguard Group, Inc.	SELL	13.52	Ordinary	(10,968)	(10,968)
6-May-2024	The Vanguard Group, Inc.	BUY	15.79	Ordinary	8,426	8,426
8-May-2024	The Vanguard Group, Inc.	BUY	16.48	Ordinary	19,299	19,299
10-May-2024	The Vanguard Group, Inc.	BUY	16.53	Ordinary	1,464	1,464
10-May-2024	The Vanguard Group, Inc.	BUY	16.54	Ordinary	20,354	20,354
15-May-2024	The Vanguard Group, Inc.	BUY	16.67	Ordinary	1,835	1,835
20-May-2024	The Vanguard Group, Inc.	BUY	17.41	Ordinary	3,852	3,852
28-May-2024	The Vanguard Group, Inc.	BUY	15.53	Ordinary	1,830	1,830
30-May-2024	The Vanguard Group, Inc.	BUY	15.81	Ordinary	1,830	1,830
3-Jun-2024	The Vanguard Group, Inc.	BUY	15.81	Ordinary	7,794	7,794
12-Jun-2024	The Vanguard Group, Inc.	BUY	14.39	Ordinary	852	852
17-Jun-2024	The Vanguard Group, Inc.	BUY	13.58	Ordinary	1,284	1,284
17-Jun-2024	The Vanguard Group, Inc.	BUY	13.58	Ordinary	3,210	3,210
18-Jun-2024	The Vanguard Group, Inc.	BUY	13.56	Ordinary	2,944	2,944
18-Jun-2024	The Vanguard Group, Inc.	BUY	13.56	Ordinary	2,820	2,820
18-Jun-2024	The Vanguard Group, Inc.	BUY	13.56	Ordinary	3,852	3,852
21-Jun-2024	The Vanguard Group, Inc.	BUY	13.24	Ordinary	321	321
21-Jun-2024	The Vanguard Group, Inc.	BUY	13.24	Ordinary	10,559	10,559
21-Jun-2024	The Vanguard Group, Inc.	BUY	13.24	Ordinary	2,139	2,139
26-Jun-2024	The Vanguard Group, Inc.	BUY	12.23	Ordinary	1,875	1,875
27-Jun-2024	The Vanguard Group, Inc.	BUY	12.49	Ordinary	2,630	2,630
27-Jun-2024	The Vanguard Group, Inc.	BUY	12.46	Ordinary	18,080	18,080
28-Jun-2024	The Vanguard Group, Inc.	SELL	12.37	Ordinary	(3,991)	(3,991)
1-Jul-2024	The Vanguard Group, Inc.	BUY	12.47	Ordinary	1,146	1,146
1-Jul-2024	The Vanguard Group, Inc.	BUY	12.47	Ordinary	1,910	1,910
9-Jul-2024	The Vanguard Group, Inc.	BUY	12.97	Ordinary	1,625	1,625
10-Jul-2024	The Vanguard Group, Inc.	BUY	13.39	Ordinary	1,000	1,000
10-Jul-2024	The Vanguard Group, Inc.	SELL	13.39	Ordinary	(921)	(921)
11-Jul-2024	The Vanguard Group, Inc.	BUY	14.02	Ordinary	1,915	1,915
12-Jul-2024	The Vanguard Group, Inc.	BUY	13.78	Ordinary	22,529	22,529
16-Jul-2024	The Vanguard Group, Inc.	SELL	13.58	Ordinary	(210)	(210)
16-Jul-2024	The Vanguard Group, Inc.	BUY	13.65	Ordinary	16,297	16,297
16-Jul-2024	The Vanguard Group, Inc.	BUY	13.58	Ordinary	11,756	11,756
17-Jul-2024	The Vanguard Group, Inc.	BUY	13.24	Ordinary	3,040	3,040
19-Jul-2024	The Vanguard Group, Inc.	BUY	12.67	Ordinary	27,671	27,671
31-Jul-2024	The Vanguard Group, Inc.	BUY	11.47	Ordinary	1,950	1,950
6-Aug-2024	The Vanguard Group, Inc.	BUY	9.97	Ordinary	22,126	22,126
6-Aug-2024	The Vanguard Group, Inc.	SELL	9.96	Ordinary	(626)	(626)
7-Aug-2024	The Vanguard Group, Inc.	BUY	9.98	Ordinary	1,950	1,950
7-Aug-2024	The Vanguard Group, Inc.	SELL	9.98	Ordinary	(3,756)	(3,756)
9-Aug-2024	The Vanguard Group, Inc.	BUY	10.22	Ordinary	1,990	1,990
12-Aug-2024	The Vanguard Group, Inc.	BUY	10.05	Ordinary	38,452	38,452
22-Aug-2024	The Vanguard Group, Inc.	BUY	9.90	Ordinary	3,942	3,942
23-Aug-2024	The Vanguard Group, Inc.	BUY	9.84	Ordinary	2,040	2,040
29-Aug-2024	The Vanguard Group, Inc.	SELL	9.84	Ordinary	(939)	(939)
30-Aug-2024	The Vanguard Group, Inc.	BUY	9.80	Ordinary	2,690	2,690
4-Sep-2024	The Vanguard Group, Inc.	BUY	8.71	Ordinary	2,095	2,095
6-Sep-2024	The Vanguard Group, Inc.	BUY	8.07	Ordinary	2,090	2,090
11-Sep-2024	The Vanguard Group, Inc.	BUY	9.17	Ordinary	2,090	2,090
25-Sep-2024	The Vanguard Group, Inc.	BUY	10.65	Ordinary	1,776	1,776
26-Sep-2024	The Vanguard Group, Inc.	BUY	11.30	Ordinary	13,407	13,407
26-Sep-2024	The Vanguard Group, Inc.	BUY	11.45	Ordinary	5,772	5,772
27-Sep-2024	The Vanguard Group, Inc.	BUY	11.74	Ordinary	1,975	1,975
27-Sep-2024	The Vanguard Group, Inc.	SELL	11.74	Ordinary	(27,359)	(27,359)
2-Oct-2024	The Vanguard Group, Inc.	BUY	11.85	Ordinary	1,975	1,975
4-Oct-2024	The Vanguard Group, Inc.	BUY	11.79	Ordinary	5,664	5,664
4-Oct-2024	The Vanguard Group, Inc.	BUY	11.79	Ordinary	4,740	4,740
8-Oct-2024	The Vanguard Group, Inc.	BUY	11.96	Ordinary	1,975	1,975
11-Oct-2024	The Vanguard Group, Inc.	BUY	12.01	Ordinary	1,970	1,970
14-Oct-2024	The Vanguard Group, Inc.	BUY	11.97	Ordinary	3,152	3,152
15-Oct-2024	The Vanguard Group, Inc.	BUY	11.94	Ordinary	1,970	1,970
21-Oct-2024	The Vanguard Group, Inc.	BUY	12.85	Ordinary	1,945	1,945
21-Oct-2024	The Vanguard Group, Inc.	BUY	12.85	Ordinary	1,556	1,556
22-Oct-2024	The Vanguard Group, Inc.	BUY	12.70	Ordinary	3,031	3,031
11-Nov-2024	The Vanguard Group, Inc.	BUY	9.69	Ordinary	1,950	1,950

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
12-Nov-2024	The Vanguard Group, Inc.	BUY	7.74	Ordinary	23,398	23,398
25-Nov-2024	The Vanguard Group, Inc.	BUY	8.31	Ordinary	19,627	19,627
3-Dec-2024	The Vanguard Group, Inc.	BUY	7.76	Ordinary	2,723	2,723
3-Dec-2024	The Vanguard Group, Inc.	SELL	7.76	Ordinary	(4,173)	(4,173)
5-Dec-2024	The Vanguard Group, Inc.	BUY	7.53	Ordinary	5,644	5,644
10-Dec-2024	The Vanguard Group, Inc.	BUY	7.65	Ordinary	69,598	69,598
20-Dec-2024	The Vanguard Group, Inc.	SELL	7.76	Ordinary	(22,268)	(22,268)
19-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	28,740	28,740
21-Sep-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	34,020	34,020
22-Sep-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	56,900	56,900
25-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	28,539	28,539
25-Sep-2023	Vanguard Investments Australia Ltd.	SELL	1.05	Ordinary	(48,110)	(48,110)
26-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.09	Ordinary	28,270	28,270
27-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	22,408	22,408
28-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.08	Ordinary	11,120	11,120
29-Sep-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	33,360	33,360
2-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.10	Ordinary	35,620	35,620
3-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	82,350	82,350
4-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	28,512	28,512
4-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	41,190	41,190
6-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.03	Ordinary	24,759	24,759
9-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	41,430	41,430
12-Oct-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	27,790	27,790
13-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	28,482	28,482
16-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.96	Ordinary	9,494	9,494
17-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	14,035	14,035
17-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	5,614	5,614
18-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	5,628	5,628
19-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	19,698	19,698
19-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	28,140	28,140
20-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	28,320	28,320
23-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.93	Ordinary	28,566	28,566
25-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	28,460	28,460
25-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	34,152	34,152
26-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	37,089	37,089
26-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	14,265	14,265
31-Oct-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	28,490	28,490
1-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	28,510	28,510
2-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	28,470	28,470
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	73,838	73,838
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	47,885	47,885
3-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	28,731	28,731
7-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	28,330	28,330
15-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	28,620	28,620
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	34,380	34,380
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	57,300	57,300
17-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.97	Ordinary	14,325	14,325
20-Nov-2023	Vanguard Investments Australia Ltd.	SELL	1.00	Ordinary	(11,472)	(11,472)
22-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	38,220	38,220
22-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	14,160	14,160
24-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.04	Ordinary	28,110	28,110
29-Nov-2023	Vanguard Investments Australia Ltd.	BUY	1.01	Ordinary	28,070	28,070
30-Nov-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	69,231	69,231
6-Dec-2023	Vanguard Investments Australia Ltd.	BUY	1.00	Ordinary	22,280	22,280
8-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.94	Ordinary	29,211	29,211
11-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.96	Ordinary	28,220	28,220
12-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.95	Ordinary	38,948	38,948
15-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.99	Ordinary	29,142	29,142
20-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	32,808	32,808
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	49,450	49,450
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	110,518	110,518
21-Dec-2023	Vanguard Investments Australia Ltd.	BUY	0.98	Ordinary	322,376	322,376
22-Dec-2023	Vanguard Investments Australia Ltd.	SELL	1.00	Ordinary	(35,516)	(35,516)
29-Dec-2023	Vanguard Investments Australia Ltd.	SELL	0.99	Ordinary	(87,916)	(87,916)
4-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	16,326	16,326
5-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.02	Ordinary	35,295	35,295
8-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	13,580	13,580
8-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.05	Ordinary	8,148	8,148
10-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.18	Ordinary	16,176	16,176
10-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.18	Ordinary	29,656	29,656
11-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	5,390	5,390
16-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.28	Ordinary	18,543	18,543
17-Jan-2024	Vanguard Investments Australia Ltd.	SELL	1.26	Ordinary	(15,822)	(15,822)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	29,268	29,268
22-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	26,520	26,520
31-Jan-2024	Vanguard Investments Australia Ltd.	BUY	1.30	Ordinary	26,970	26,970
5-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	29,307	29,307
9-Feb-2024	Vanguard Investments Australia Ltd.	SELL	1.33	Ordinary	(118,980)	(118,980)
12-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.33	Ordinary	26,540	26,540
21-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	29,418	29,418
21-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.19	Ordinary	38,276	38,276
23-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.13	Ordinary	41,415	41,415
29-Feb-2024	Vanguard Investments Australia Ltd.	BUY	1.24	Ordinary	76,560	76,560
14-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	61,644	61,644
14-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.20	Ordinary	22,416	22,416
19-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	29,240	29,240
19-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.25	Ordinary	29,240	29,240
22-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.39	Ordinary	14,405	14,405
26-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.40	Ordinary	22,944	22,944
28-Mar-2024	Vanguard Investments Australia Ltd.	BUY	1.37	Ordinary	28,760	28,760
2-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.44	Ordinary	33,931	33,931
2-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.44	Ordinary	(77,571)	(77,571)
3-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.46	Ordinary	11,516	11,516
4-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.48	Ordinary	31,460	31,460
5-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	29,610	29,610
5-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.42	Ordinary	22,800	22,800
5-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.42	Ordinary	(17,100)	(17,100)
8-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	22,856	22,856
8-Apr-2024	Vanguard Investments Australia Ltd.	BUY	1.52	Ordinary	19,999	19,999
10-Apr-2024	Vanguard Investments Australia Ltd.	SELL	1.53	Ordinary	(99,260)	(99,260)
11-Apr-2024	Vanguard Investments Australia Ltd.	CORPORATE ACTION		Ordinary	(45,337,214)	(45,337,214)
19-Apr-2024	Vanguard Investments Australia Ltd.	SELL	14.00	Ordinary	(6,888)	(6,888)
23-Apr-2024	Vanguard Investments Australia Ltd.	SELL	13.81	Ordinary	(2,601)	(2,601)
29-Apr-2024	Vanguard Investments Australia Ltd.	BUY	13.63	Ordinary	2,628	2,628
1-May-2024	Vanguard Investments Australia Ltd.	BUY	14.67	Ordinary	885	885
1-May-2024	Vanguard Investments Australia Ltd.	BUY	14.67	Ordinary	295	295
1-May-2024	Vanguard Investments Australia Ltd.	BUY	14.67	Ordinary	1,180	1,180
2-May-2024	Vanguard Investments Australia Ltd.	BUY	14.89	Ordinary	2,360	2,360
9-May-2024	Vanguard Investments Australia Ltd.	SELL	16.38	Ordinary	(2,592)	(2,592)
13-May-2024	Vanguard Investments Australia Ltd.	BUY	16.47	Ordinary	41,671	41,671
17-May-2024	Vanguard Investments Australia Ltd.	BUY	16.25	Ordinary	5,904	5,904
20-May-2024	Vanguard Investments Australia Ltd.	BUY	17.48	Ordinary	1,445	1,445
23-May-2024	Vanguard Investments Australia Ltd.	BUY	16.29	Ordinary	1,140	1,140
27-May-2024	Vanguard Investments Australia Ltd.	BUY	15.74	Ordinary	2,870	2,870
28-May-2024	Vanguard Investments Australia Ltd.	BUY	15.65	Ordinary	2,890	2,890
28-May-2024	Vanguard Investments Australia Ltd.	BUY	15.65	Ordinary	3,757	3,757
30-May-2024	Vanguard Investments Australia Ltd.	BUY	15.66	Ordinary	2,920	2,920
30-May-2024	Vanguard Investments Australia Ltd.	BUY	15.66	Ordinary	2,336	2,336
30-May-2024	Vanguard Investments Australia Ltd.	BUY	15.66	Ordinary	1,752	1,752
4-Jun-2024	Vanguard Investments Australia Ltd.	SELL	15.59	Ordinary	(5,886)	(5,886)
4-Jun-2024	Vanguard Investments Australia Ltd.	BUY	15.59	Ordinary	1,450	1,450
5-Jun-2024	Vanguard Investments Australia Ltd.	BUY	15.50	Ordinary	1,450	1,450
11-Jun-2024	Vanguard Investments Australia Ltd.	BUY	14.49	Ordinary	3,601	3,601
12-Jun-2024	Vanguard Investments Australia Ltd.	BUY	14.23	Ordinary	277	277
13-Jun-2024	Vanguard Investments Australia Ltd.	BUY	14.11	Ordinary	1,964	1,964
13-Jun-2024	Vanguard Investments Australia Ltd.	BUY	14.11	Ordinary	3,336	3,336
14-Jun-2024	Vanguard Investments Australia Ltd.	BUY	14.15	Ordinary	2,216	2,216
17-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.46	Ordinary	7,380	7,380
18-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.55	Ordinary	1,668	1,668
19-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.70	Ordinary	2,780	2,780
21-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.24	Ordinary	55,351	55,351
24-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.24	Ordinary	1,390	1,390
24-Jun-2024	Vanguard Investments Australia Ltd.	BUY	13.24	Ordinary	2,780	2,780
27-Jun-2024	Vanguard Investments Australia Ltd.	BUY	12.42	Ordinary	3,906	3,906
27-Jun-2024	Vanguard Investments Australia Ltd.	BUY	12.42	Ordinary	7,812	7,812
1-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.52	Ordinary	2,770	2,770
3-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.15	Ordinary	2,780	2,780
4-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.17	Ordinary	4,930	4,930
5-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.01	Ordinary	2,958	2,958
8-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.94	Ordinary	2,770	2,770
9-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.07	Ordinary	5,560	5,560
12-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.99	Ordinary	1,911	1,911
17-Jul-2024	Vanguard Investments Australia Ltd.	BUY	13.43	Ordinary	271	271
18-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.86	Ordinary	1,355	1,355
18-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.86	Ordinary	542	542
22-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.50	Ordinary	15,802	15,802

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.43	Ordinary	2,690	2,690
23-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.05	Ordinary	7,529	7,529
23-Jul-2024	Vanguard Investments Australia Ltd.	BUY	12.05	Ordinary	1,626	1,626
24-Jul-2024	Vanguard Investments Australia Ltd.	BUY	11.78	Ordinary	1,620	1,620
25-Jul-2024	Vanguard Investments Australia Ltd.	BUY	11.34	Ordinary	3,045	3,045
26-Jul-2024	Vanguard Investments Australia Ltd.	BUY	11.43	Ordinary	2,720	2,720
2-Aug-2024	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	2,720	2,720
2-Aug-2024	Vanguard Investments Australia Ltd.	BUY	10.40	Ordinary	3,264	3,264
5-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.64	Ordinary	5,691	5,691
5-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.64	Ordinary	9,485	9,485
7-Aug-2024	Vanguard Investments Australia Ltd.	BUY	10.12	Ordinary	3,312	3,312
8-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.90	Ordinary	2,475	2,475
9-Aug-2024	Vanguard Investments Australia Ltd.	BUY	10.09	Ordinary	4,658	4,658
15-Aug-2024	Vanguard Investments Australia Ltd.	BUY	10.14	Ordinary	1,656	1,656
19-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.91	Ordinary	1,375	1,375
23-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	2,026	2,026
23-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	2,780	2,780
23-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.73	Ordinary	1,390	1,390
30-Aug-2024	Vanguard Investments Australia Ltd.	BUY	9.79	Ordinary	3,972	3,972
30-Aug-2024	Vanguard Investments Australia Ltd.	SELL	9.79	Ordinary	(16,265)	(16,265)
2-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	2,985	2,985
2-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	995	995
2-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	2,740	2,740
10-Sep-2024	Vanguard Investments Australia Ltd.	SELL	8.86	Ordinary	(3,980)	(3,980)
10-Sep-2024	Vanguard Investments Australia Ltd.	SELL	8.86	Ordinary	(1,365)	(1,365)
16-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.20	Ordinary	10,366	10,366
16-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.20	Ordinary	2,991	2,991
17-Sep-2024	Vanguard Investments Australia Ltd.	SELL	9.13	Ordinary	(2,457)	(2,457)
18-Sep-2024	Vanguard Investments Australia Ltd.	SELL	9.14	Ordinary	(1,918)	(1,918)
23-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	3,516	3,516
23-Sep-2024	Vanguard Investments Australia Ltd.	SELL	9.86	Ordinary	(2,051)	(2,051)
23-Sep-2024	Vanguard Investments Australia Ltd.	BUY	9.86	Ordinary	1,465	1,465
25-Sep-2024	Vanguard Investments Australia Ltd.	SELL	10.64	Ordinary	(7,375)	(7,375)
26-Sep-2024	Vanguard Investments Australia Ltd.	SELL	11.45	Ordinary	(8,439)	(8,439)
27-Sep-2024	Vanguard Investments Australia Ltd.	BUY	11.74	Ordinary	1,172	1,172
30-Sep-2024	Vanguard Investments Australia Ltd.	BUY	11.55	Ordinary	292	292
30-Sep-2024	Vanguard Investments Australia Ltd.	BUY	11.55	Ordinary	1,168	1,168
1-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.77	Ordinary	8,700	8,700
2-Oct-2024	Vanguard Investments Australia Ltd.	SELL	11.83	Ordinary	(3,212)	(3,212)
3-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.83	Ordinary	1,460	1,460
7-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.79	Ordinary	588	588
7-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.79	Ordinary	588	588
9-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.78	Ordinary	3,996	3,996
11-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.87	Ordinary	2,065	2,065
16-Oct-2024	Vanguard Investments Australia Ltd.	BUY	11.74	Ordinary	21,312	21,312
17-Oct-2024	Vanguard Investments Australia Ltd.	BUY	13.03	Ordinary	590	590
21-Oct-2024	Vanguard Investments Australia Ltd.	BUY	13.01	Ordinary	3,003	3,003
22-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.76	Ordinary	5,760	5,760
22-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.76	Ordinary	288	288
23-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.51	Ordinary	1,001	1,001
24-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.40	Ordinary	2,002	2,002
25-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.23	Ordinary	2,870	2,870
25-Oct-2024	Vanguard Investments Australia Ltd.	BUY	12.23	Ordinary	2,009	2,009
28-Oct-2024	Vanguard Investments Australia Ltd.	BUY	10.36	Ordinary	3,432	3,432
28-Oct-2024	Vanguard Investments Australia Ltd.	BUY	10.36	Ordinary	3,432	3,432
29-Oct-2024	Vanguard Investments Australia Ltd.	BUY	9.85	Ordinary	2,016	2,016
30-Oct-2024	Vanguard Investments Australia Ltd.	BUY	9.85	Ordinary	284	284
30-Oct-2024	Vanguard Investments Australia Ltd.	BUY	9.85	Ordinary	852	852
30-Oct-2024	Vanguard Investments Australia Ltd.	BUY	9.85	Ordinary	1,420	1,420
1-Nov-2024	Vanguard Investments Australia Ltd.	BUY	10.16	Ordinary	4,245	4,245
1-Nov-2024	Vanguard Investments Australia Ltd.	BUY	10.16	Ordinary	1,698	1,698
5-Nov-2024	Vanguard Investments Australia Ltd.	BUY	9.53	Ordinary	4,004	4,004
5-Nov-2024	Vanguard Investments Australia Ltd.	BUY	9.53	Ordinary	3,003	3,003
6-Nov-2024	Vanguard Investments Australia Ltd.	BUY	9.60	Ordinary	3,420	3,420
8-Nov-2024	Vanguard Investments Australia Ltd.	BUY	9.72	Ordinary	4,320	4,320
11-Nov-2024	Vanguard Investments Australia Ltd.	BUY	9.68	Ordinary	6,936	6,936
12-Nov-2024	Vanguard Investments Australia Ltd.	BUY	6.88	Ordinary	3,003	3,003
13-Nov-2024	Vanguard Investments Australia Ltd.	BUY	7.47	Ordinary	3,212	3,212
20-Nov-2024	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	2,000	2,000
25-Nov-2024	Vanguard Investments Australia Ltd.	SELL	8.31	Ordinary	(19,617)	(19,617)
26-Nov-2024	Vanguard Investments Australia Ltd.	BUY	8.30	Ordinary	3,924	3,924
26-Nov-2024	Vanguard Investments Australia Ltd.	SELL	8.30	Ordinary	(17,658)	(17,658)
28-Nov-2024	Vanguard Investments Australia Ltd.	SELL	7.76	Ordinary	(38,337)	(38,337)

Annexure A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
28-Nov-2024	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	4,116	4,116
2-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.66	Ordinary	3,245	3,245
5-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.55	Ordinary	2,952	2,952
9-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.47	Ordinary	3,528	3,528
10-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.62	Ordinary	1,168	1,168
13-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.95	Ordinary	1,460	1,460
17-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.47	Ordinary	1,152	1,152
19-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	72,210	72,210
19-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.81	Ordinary	1,740	1,740
19-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.71	Ordinary	5,800	5,800
20-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	4,507	4,507
20-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.76	Ordinary	22,268	22,268
23-Dec-2024	Vanguard Investments Australia Ltd.	BUY	7.80	Ordinary	283	283
	Vanguard Personalized Indexing Management	RECEIVE		Ordinary	4,026	4,026

This is Annexure A of 6 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature:



Name: Shawn Acker

Capacity: Compliance Manager

Date: 30 December 2024