

Form 605
Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme ORIGIN ENERGY LIMITED

ACN/ARSN 000 051 696

1. Details of substantial holder (1)

Name Morgan Stanley and its subsidiaries listed in Annexure A
ACN/ARSN (if applicable) Not Applicable

The holder ceased to be a substantial holder on November 14, 2023
The previous notice was given to the company on November 15, 2023
The previous notice was dated November 13, 2023
The holder became aware on November 16, 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
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	2,975.00	350 Ordinary Shares	350
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,377.60	870 Ordinary Shares	870
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	47,567.16	5,583 Ordinary Shares	5,583
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	4,084.80	480 Ordinary Shares	480
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	83,517.00	9,700 Ordinary Shares	9,700
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	982.10	115 Ordinary Shares	115
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	6,477.87	763 Ordinary Shares	763
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	534,175.36	63,104 Ordinary Shares	63,104
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	465,600.96	53,889 Ordinary Shares	53,889
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	85,535.60	9,946 Ordinary Shares	9,946
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	4,842.18	567 Ordinary Shares	567
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	850,000.00	100,000 Ordinary Shares	100,000
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	6,423.15	757 Ordinary Shares	757
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	30,273.60	3,570 Ordinary Shares	3,570
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	23,599.84	2,783 Ordinary Shares	2,783
11/14/2023	Morgan Stanley & Co. International plc	Buy	23,488.46	2,763 Ordinary Shares	2,763
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	55,142.78	6,457 Ordinary Shares	6,457
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	41,191.37	4,829 Ordinary Shares	4,829
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	48,660.92	5,698 Ordinary Shares	5,698
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,453.60	880 Ordinary Shares	880
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	4,297,500.00	500,000 Ordinary Shares	500,000
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	542,838.72	64,014 Ordinary Shares	64,014
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	51,085.92	5,996 Ordinary Shares	5,996
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	20,056.40	2,320 Ordinary Shares	2,320
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	144,500,000.00	17,000,000 Ordinary Shares	17,000,000

11/14/2023	Morgan Stanley Australia Securities Limited	Buy	40,568.50	4,690 Ordinary Shares	4,690
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	22,143.02	2,602 Ordinary Shares	2,602
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	39,596.26	4,642 Ordinary Shares	4,642
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	23,163.99	2,714 Ordinary Shares	2,714
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	1,910.72	224 Ordinary Shares	224
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	84,614.93	9,943 Ordinary Shares	9,943
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	27,881.71	3,286 Ordinary Shares	3,286
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	13,349.88	1,578 Ordinary Shares	1,578
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	445,175.12	52,312 Ordinary Shares	52,312
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	37,019.40	4,345 Ordinary Shares	4,345
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	470,458.00	55,348 Ordinary Shares	55,348
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	8,551.28	1,009 Ordinary Shares	1,009
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,157.12	844 Ordinary Shares	844
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	862,590.06	101,961 Ordinary Shares	101,961
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	119,121.45	13,965 Ordinary Shares	13,965
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	722.50	85 Ordinary Shares	85
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	204,313.84	24,104 Ordinary Shares	24,104
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	35,403.30	4,170 Ordinary Shares	4,170
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	27,182.82	3,183 Ordinary Shares	3,183
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	23,682.64	2,749 Ordinary Shares	2,749
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	132,685.98	15,537 Ordinary Shares	15,537
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	181,748.64	21,332 Ordinary Shares	21,332
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	78,270.40	9,230 Ordinary Shares	9,230
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	4,971.89	587 Ordinary Shares	587
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	1,000,102.60	116,291 Ordinary Shares	116,291
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	336,165.12	38,908 Ordinary Shares	38,908
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	86,496.00	10,176 Ordinary Shares	10,176
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	1,618.80	190 Ordinary Shares	190
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	343,704.13	40,579 Ordinary Shares	40,579
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	267,143.80	31,540 Ordinary Shares	31,540
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	15,088.92	1,771 Ordinary Shares	1,771
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	872.10	102 Ordinary Shares	102
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	379,780.00	44,680 Ordinary Shares	44,680
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	135,031.00	15,886 Ordinary Shares	15,886
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	491,381.31	57,071 Ordinary Shares	57,071
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	282,618.65	33,334 Ordinary Shares	33,334
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	85,134.95	9,865 Ordinary Shares	9,865
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	125,104.20	14,547 Ordinary Shares	14,547
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	32,728.08	3,864 Ordinary Shares	3,864
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	777.14	91 Ordinary Shares	91
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	140,591.88	16,386 Ordinary Shares	16,386
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,848.26	919 Ordinary Shares	919
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	3,772.15	443 Ordinary Shares	443
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	20,673.15	2,435 Ordinary Shares	2,435
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,954.34	926 Ordinary Shares	926
11/14/2023	Morgan Stanley & Co. International plc	Buy	17,846,218.25	2,011,975 Ordinary Shares	2,011,975
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	8,289.96	973 Ordinary Shares	973
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	423,919.50	50,000 Ordinary Shares	50,000
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	129,336.96	15,252 Ordinary Shares	15,252
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	17,774.46	2,101 Ordinary Shares	2,101

11/14/2023	Morgan Stanley Australia Securities Limited	Buy	8,801.02	1,021 Ordinary Shares	1,021
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	168,414.84	19,767 Ordinary Shares	19,767
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	56,723.00	6,550 Ordinary Shares	6,550
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	7,916.58	927 Ordinary Shares	927
11/14/2023	Morgan Stanley & Co. International plc	Buy	2,138.22	252 Ordinary Shares	252
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	12,986.10	1,535 Ordinary Shares	1,535
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	9,112.00	1,072 Ordinary Shares	1,072
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	14,474.73	1,689 Ordinary Shares	1,689
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	65,456.16	7,728 Ordinary Shares	7,728
11/14/2023	Morgan Stanley Australia Securities Limited	Buy	95,604.24	11,208 Ordinary Shares	11,208
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	129.75	15 Ordinary Shares	15
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	18,727.25	2,165 Ordinary Shares	2,165
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	72,155.75	8,270 Ordinary Shares	8,270
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	181.97	21 Ordinary Shares	21
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	1,123.85	130 Ordinary Shares	130
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	7,420.92	852 Ordinary Shares	852
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	680.55	78 Ordinary Shares	78
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	2,625.89	302 Ordinary Shares	302
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	6,287.63	729 Ordinary Shares	729
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	323,362.95	37,383 Ordinary Shares	37,383
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	8,980.01	1,031 Ordinary Shares	1,031
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	613.44	71 Ordinary Shares	71
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	200,387.69	23,176 Ordinary Shares	23,176
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	2,176,250.00	250,000 Ordinary Shares	250,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	699,112.51	80,869 Ordinary Shares	80,869
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	721.27	83 Ordinary Shares	83
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	8,251.56	949 Ordinary Shares	949
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	11,550.45	1,333 Ordinary Shares	1,333
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	18,001.62	2,041 Ordinary Shares	2,041
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	448,528.45	51,853 Ordinary Shares	51,853
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	570.24	66 Ordinary Shares	66
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	58,216.20	6,680 Ordinary Shares	6,680
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	148,563.75	17,175 Ordinary Shares	17,175
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,797.20	440 Ordinary Shares	440
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	994,451.58	115,000 Ordinary Shares	115,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	61,869.51	7,087 Ordinary Shares	7,087
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	56,517.50	6,500 Ordinary Shares	6,500
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	190,286.40	21,872 Ordinary Shares	21,872
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	865,000.00	100,000 Ordinary Shares	100,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	144,310.24	16,664 Ordinary Shares	16,664
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	8,990.63	1,034 Ordinary Shares	1,034
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	86.50	10 Ordinary Shares	10
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	5,672.30	655 Ordinary Shares	655
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	517,512.82	59,932 Ordinary Shares	59,932
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	340.08	39 Ordinary Shares	39
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	7,507.80	860 Ordinary Shares	860
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	116,838.72	13,523 Ordinary Shares	13,523
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	24,271.17	2,793 Ordinary Shares	2,793
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	5,232.00	600 Ordinary Shares	600
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	821,750.00	95,000 Ordinary Shares	95,000

11/14/2023	Morgan Stanley Australia Securities Limited	Sell	435,500.00	50,000 Ordinary Shares	50,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	8,334.60	958 Ordinary Shares	958
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	112.32	13 Ordinary Shares	13
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,462,000.00	400,000 Ordinary Shares	400,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	164.54	19 Ordinary Shares	19
11/14/2023	Morgan Stanley Capital Services LLC	Sell	190,705,000.00	21,500,000 Ordinary Shares	21,500,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	17,903.80	2,071 Ordinary Shares	2,071
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	34,542.11	3,991 Ordinary Shares	3,991
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	259.50	30 Ordinary Shares	30
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	104,760.02	12,097 Ordinary Shares	12,097
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	15,681.16	1,816 Ordinary Shares	1,816
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	7,473.60	865 Ordinary Shares	865
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	90,705.44	10,402 Ordinary Shares	10,402
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	6,790.25	785 Ordinary Shares	785
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	1,731,000.00	200,000 Ordinary Shares	200,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	432.00	50 Ordinary Shares	50
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	6,157.26	711 Ordinary Shares	711
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	27,675.18	3,205 Ordinary Shares	3,205
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	4,050,671.54	465,327 Ordinary Shares	465,327
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	449.80	52 Ordinary Shares	52
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	58,820.58	6,669 Ordinary Shares	6,669
11/14/2023	Morgan Stanley & Co. International plc	Sell	133,158.10	15,394 Ordinary Shares	15,394
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,578.22	412 Ordinary Shares	412
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	75,855.36	8,704 Ordinary Shares	8,704
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	4,443.53	514 Ordinary Shares	514
11/14/2023	Morgan Stanley & Co. International plc	Sell	24,667.64	2,824 Ordinary Shares	2,824
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	846.72	98 Ordinary Shares	98
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,658.49	421 Ordinary Shares	421
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	41,641,181.83	4,694,609 Ordinary Shares	4,694,609
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	50,163.84	5,806 Ordinary Shares	5,806
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	856.85	99 Ordinary Shares	99
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	7,089.36	813 Ordinary Shares	813
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	4,063.89	469 Ordinary Shares	469
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	4,315.17	498 Ordinary Shares	498
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	7,092.06	818 Ordinary Shares	818
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	91,733,043.28	10,341,944 Ordinary Shares	10,341,944
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	759.88	88 Ordinary Shares	88
11/14/2023	Morgan Stanley & Co. International plc	Sell	11,358,225.61 (USD)	2,011,975 Ordinary Shares	2,011,975
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,155.43	365 Ordinary Shares	365
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	32,050.80	3,684 Ordinary Shares	3,684
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	24,100.29	2,791 Ordinary Shares	2,791
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	172.70	20 Ordinary Shares	20
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	14,016.97	1,613 Ordinary Shares	1,613
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	16,287.95	1,883 Ordinary Shares	1,883
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	58,292.35	6,739 Ordinary Shares	6,739
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,074,084.47	349,870 Ordinary Shares	349,870
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	164.45	19 Ordinary Shares	19
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	228,654.92	26,252 Ordinary Shares	26,252
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	24,601.39	2,831 Ordinary Shares	2,831
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	11,457.90	1,317 Ordinary Shares	1,317

11/14/2023	Morgan Stanley Australia Securities Limited	Sell	14,324.40	1,656 Ordinary Shares	1,656
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	1,617.55	187 Ordinary Shares	187
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,113,813.32	357,704 Ordinary Shares	357,704
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	240,556.50	27,810 Ordinary Shares	27,810
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	165,760.01	19,031 Ordinary Shares	19,031
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	2,890.77	334 Ordinary Shares	334
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	87,396.14	10,034 Ordinary Shares	10,034
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	95.04	11 Ordinary Shares	11
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	104,729,136.66	11,807,118 Ordinary Shares	11,807,118
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	69,675.75	8,055 Ordinary Shares	8,055
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	9,087.93	1,041 Ordinary Shares	1,041
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	60.55	7 Ordinary Shares	7
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	6,668.20	770 Ordinary Shares	770
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	2,438.80	280 Ordinary Shares	280
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	826.03	95 Ordinary Shares	95
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	1,696,261.46	194,637 Ordinary Shares	194,637
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	148,510.60	17,080 Ordinary Shares	17,080
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	296.14	34 Ordinary Shares	34
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	88,277.41	10,141 Ordinary Shares	10,141
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	4,773,641.25	547,750 Ordinary Shares	547,750
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	124,646.90	14,319 Ordinary Shares	14,319
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	129,600.00	15,000 Ordinary Shares	15,000
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	103.62	12 Ordinary Shares	12
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	3,773.50	437 Ordinary Shares	437
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	15,198.05	1,757 Ordinary Shares	1,757
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	48,887.48	5,655 Ordinary Shares	5,655
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	23,905.25	2,743 Ordinary Shares	2,743
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	19,211.94	2,207 Ordinary Shares	2,207
11/14/2023	Morgan Stanley Australia Securities Limited	Sell	30,300.95	3,503 Ordinary Shares	3,503
11/14/2023	Morgan Stanley & Co. International plc	Collateral Received	N/A	1,733,126 Ordinary Shares	1,733,126
11/14/2023	Morgan Stanley & Co. LLC	Borrow Returned	N/A	251,094 Ordinary Shares	251,094
11/14/2023	Morgan Stanley & Co. LLC	Collateral Received	N/A	16,856 Ordinary Shares	16,856

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
Not Applicable	Not Applicable

4. Addresses

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

Name	Address
Morgan Stanley	1585 Broadway, New York, New York, 10036, USA.
Morgan Stanley & Co. LLC	1585 Broadway, New York, 10036, USA.
Morgan Stanley & Co. International plc	Legal & Compliance Department, 25 Cabot Square, Canary Wharf, London, E14 4QA, UNITED KINGDOM.
Morgan Stanley Investment Management Inc.	522 5th Avenue, 6th Floor, New York, 10036, USA.
Morgan Stanley Australia Securities Limited	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley AIP GP LP	One Tower Bridge, 100 Front Street, Suite 400, West Conshohocken, 19428, USA.
Morgan Stanley Wealth Management Australia Pty Ltd	Level 39, Chifley Tower, 2 Chifley Square, Sydney, 2000, AUSTRALIA.
Morgan Stanley Smith Barney LLC	1585 Broadway, New York, 10036, USA.
Calvert Research and Management	1825 Connecticut Ave., Suite 400, Washington, 20009-5708, USA.
Parametric Portfolio Associates LLC	800 Fifth Avenue, Suite 2800, Seattle, 98104, USA.
Morgan Stanley Capital Services LLC	1585 Broadway, New York, 10036, USA.

Signature

print name Nana Yoshida

capacity Vice President

sign here

Nana Yoshida

date November 16, 2023


Annexure A

List of Morgan Stanley and its subsidiaries that have a relevant interest or deemed to have a relevant interest in the shares or units.

Name



Signature

print name	Nana Yoshida	capacity	Vice President
sign here		date	November 16, 2023

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, moneys 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.
-

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 605.

Signature

This form must be signed by either a director or a secretary of the substantial holder.

Lodging period

Nil

Lodging Fee

Nil

Other forms to be completed

Nil

Additional information

- (a) If additional space is required to complete a question, the information may be included on a separate piece of paper annexed to the form.
- (b) This notice must be given to a listed company, or the responsible entity for a listed managed investment scheme. A copy of this notice must also be given to each relevant securities exchange.
- (c) The person must give a copy of this notice:
 - (i) within 2 business days after they become aware of the information; or
 - (ii) by 9.30 am on the next trading day of the relevant securities exchange after they become aware of the information if:
 - (A) a takeover bid is made for voting shares in the company or voting interests in the scheme; and
 - (B) the person becomes aware of the information during the bid period.

Annexures

- To make any annexure conform to the regulations, you must
- 1 use A4 size paper of white or light pastel colour with a margin of at least 10mm on all sides
 - 2 show the corporation name and ACN or ARBN
 - 3 number the pages consecutively
 - 4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied
 - 5 identify the annexure with a mark such as A, B, C, etc
 - 6 endorse the annexure with the words:
This is annexure (mark) of (number) pages referred to in form (form number and title)
 - 7 sign and date the annexure.
- The annexure must be signed by the same person(s) who signed the form.

Information in this guide is intended as a guide only. Please consult your accountant or solicitor for further advice.

Annexure B:

This is Annexure B referred to in the Form 605: Notice of ceasing to be a substantial holder issued by Morgan Stanley and its subsidiaries. The following is description of the securities lending agreements referenced in the accompanying Form 605.

Schedule	
Type of Agreement	Australian Master Securities Lending Agreement
Parties to agreement	Morgan Stanley Australia Securities Limited and JPMORGAN CHASE BANK, N.A.
Transfer Date	20231113;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail The Borrower shall be entitled at any time to terminate a particular loan of Securities and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail The Lender may call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the Standard Settlement Time for such Equivalent Securities or the equivalent time on the exchange or in the clearing organisation through which the relevant borrowed Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions If an Event of Default occurs in relation to either Party, the Parties' delivery and payment obligations shall be accelerated so as to require performance thereof at the time such Event of Default occurs. In such event the Relevant Value of the Securities to be delivered by each Party shall be established and on the basis of the Relevant Values so established, an account shall be taken of what is due from each Party to the other and the sums due from one Party shall be set-off against the sums due from the other and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	Global Master Securities Lending Agreement
Parties to agreement	Morgan Stanley & Co. International plc and CITIBANK NA
Transfer Date	20231113;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail The Borrower is entitled at any time to terminate a Loan and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail The Lender is entitled to terminate a Loan and to call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the standard settlement time for such Equivalent Securities on the exchange or in the clearing organisation through which the Loaned Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions If the Borrower does not redeliver Equivalent Securities in accordance with the Agreement, the Lender may by written notice to Borrower terminate the Loan forthwith and the Parties' delivery and payment obligations in respect thereof.	

Schedule	
Type of Agreement	Australian Master Securities Lending Agreement
Parties to agreement	Morgan Stanley Australia Securities Limited and CITIBANK NA
Transfer Date	20231113;
Holder of Voting Rights	Borrower
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail The Borrower shall be entitled at any time to terminate a particular loan of Securities and to redeliver all and any Equivalent Securities due and outstanding to the Lender in accordance with the Lender's instructions.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail The Lender may call for the redelivery of all or any Equivalent Securities at any time by giving notice on any Business Day of not less than the Standard Settlement Time for such Equivalent Securities or the equivalent time on the exchange or in the clearing organisation through which the relevant borrowed Securities were originally delivered.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions If an Event of Default occurs in relation to either Party, the Parties' delivery and payment obligations shall be accelerated so as to require performance thereof at the time such Event of Default occurs. In such event the Relevant Value of the Securities to	

be delivered by each Party shall be established and on the basis of the Relevant Values so established, an account shall be taken of what is due from each Party to the other and the sums due from one Party shall be set-off against the sums due from the other and only the balance of the account shall be payable.

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and ATHOS ASIA EVENT DRIVEN MASTER FUND
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail Prime broker may return shares which were rehypothecated from the client at any time.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and PINPOINT ASIA MANAGERS FUND VCC
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail Prime broker may return shares which were rehypothecated from the client at any time.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and SIMPLEX ASIA EQUITY OPPORTUNITIES FUND
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail Prime broker may return shares which were rehypothecated from the client at any time.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.	
Will the securities be returned on settlement?	Yes/ No

If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and PERPETUAL INVESTMENT MANAGEMENT LIMITED AS RESPONSIBLE ENTITY FOR PERPETUAL PURE EQUITY ALPHA FUND
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail	Prime broker may return shares which were rehypothecated from the client at any time.
Does the lender have the right to recall early?	Yes/ No
If yes, detail	Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co. LLC on behalf of all Morgan Stanley entities and customer AQR TAX AWARE HELIX FUND, L.P.
Transfer Date	20231019;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail	Morgan Stanley may return rehypothecated shares at any time.
Does the lender have the right to recall early?	Yes
If yes, detail	The customer may recall shares from Morgan Stanley at any time.
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and BTG PACTUAL ABSOLUTE RETURN MASTER FUND, L.P.
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail	Prime broker may return shares which were rehypothecated from the client at any time.
Does the lender have the right to recall early?	Yes/ No
If yes, detail	Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.
Will the securities be returned on settlement?	Yes/ No

If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and FMAP ACL LIMITED
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail Prime broker may return shares which were rehypothecated from the client at any time.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	Customer Prime Broker Account Agreement
Parties to agreement	Morgan Stanley & Co. LLC on behalf of all Morgan Stanley entities and customer CENTIVA MASTER FUND, LP
Transfer Date	20231110;
Holder of Voting Rights	Morgan Stanley
Are there any restrictions on voting rights?	No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes
If yes, detail Morgan Stanley may return rehypothecated shares at any time.	
Does the lender have the right to recall early?	Yes
If yes, detail The customer may recall shares from Morgan Stanley at any time.	
Will the securities be returned on settlement?	Yes
If yes, detail any exceptions In the ordinary course of business, securities will be returned to customers. Upon a customer Event of Default, Morgan Stanley has the right to set off obligations owed to the customer against obligations of the customer to Morgan Stanley and to foreclose on any collateral, including rehypothecated securities, for the purpose of arriving at a single closeout amount. In such a default scenario, Morgan Stanley may do an actual or deemed sale of the rehypothecated securities.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and METRICA ASIA EVENT DRIVEN MASTER FUND
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail Not applicable	
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail Prime broker may return shares which were rehypothecated from the client at any time.	
Does the lender have the right to recall early?	Yes/ No
If yes, detail Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.	
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	

Schedule	
Type of Agreement	International Prime Brokerage Agreement
Parties to agreement	Morgan Stanley & Co. International plc for itself and as agent and trustee for and on behalf of the other Morgan Stanley Companies and INVESTMENT OPPORTUNITIES SPC-INVESTMENT OPPORTUNITIES 16 SEGREGATED PORTFOLIO
Transfer Date	20231114;
Holder of Voting Rights	Prime broker has the right to vote securities rehypothecated from the Client.
Are there any restrictions on voting rights?	Yes /No
If yes, detail	Not applicable
Scheduled Return Date (if any)	Open
Does the borrower have the right to return early?	Yes/ No
If yes, detail	Prime broker may return shares which were rehypothecated from the client at any time.
Does the lender have the right to recall early?	Yes/ No
If yes, detail	Prime broker will be required to return to the client shares rehypothecated from the client's account upon a sale of those shares by the client.
Will the securities be returned on settlement?	Yes/ No
If yes, detail any exceptions Upon an Event of Default, the default market value of all Equivalent Securities to be delivered will be determined and on the basis of the amounts so established, an account shall be taken of what is due from each party to the other. The amounts due from one party shall be set off against the amounts due from the other party and only the balance of the account shall be payable.	


The above schedules are based on the relevant standard agreements. The entity filing the report will, if requested by the company or responsible entity to whom the prescribed form must be given or ASIC, give a copy of the agreement to the company, responsible entity or ASIC.

Signature

print name Nana Yoshida

capacity Vice President

sign here



date

November 16, 2023