

Form 603

Corporations Act 2001

Section 671B

Notice of initial substantial holderTo Company Name/Scheme **ORIGIN ENERGY LIMITED**ACN/ARSN **000 051 696****1. Details of substantial holder (1)**Name **State Street Corporation and subsidiaries named in Annexures to this form**

ACN/ARSN (if applicable)

The holder became a substantial holder on **22/11/2023****2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
Ordinary	86,067,344	86,067,344	5.00%

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Annexure A		

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
Annexure A			

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
Annexure B, D & E				

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

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

7. Addresses

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

Name	Address
Annexure C	

Signature

print name **Alok Maheshwary** capacity **Authorised Signatory**

sign here  date **24/11/2023**

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 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. 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.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) 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.

 24 November 2023

Alok Maheshwary
Authorised Signatory

3. Details of relevant interests
4. Details of present registered holders
5. Associates

Holder of relevant interest (Section 3, 4 and 6)	Nature of Relevant Interest (Section 3)	Registered Holder of securities (Section 4)	Person Entitled to be registered as holder (Section 4)	Class and number of Securities (Section 3 and 4)	Nature of Association (Section 6)
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	3,021,571 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	2,051,875 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	104,320 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	698,096 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	3,294,949 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	14,347,031 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	22,338,276 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	State Street Bank and Trust Co	n/a	Ordinary	115,820 Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	n/a	Ordinary	60,705 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	n/a	Ordinary	20,066 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Citibank NA	n/a	Ordinary	96,139 Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	8,947 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	21,653 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	44,045 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	62,211 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Bank of New York Mellon	n/a	Ordinary	1,416,515 Subsidiary of State Street Corporation
SSGA FUNDS MANAGEMENT, INC.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	n/a	Ordinary	24,172 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	n/a	Ordinary	538,034 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Brown Brothers Harriman and Co	n/a	Ordinary	14,090 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Sumitomo Trust and Banking Co USA	n/a	Ordinary	168,231 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	136,733 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	94,641 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	398,592 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	414,905 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	347,493 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	JPMorgan AG	n/a	Ordinary	4,139,778 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS ASIA LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	n/a	Ordinary	159,755 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	n/a	Ordinary	130,290 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	n/a	Ordinary	39,109 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	n/a	Ordinary	670,577 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Northern Trust Company	n/a	Ordinary	15,146,941 Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Caceis Bank Luxembourg	n/a	Ordinary	2,134 Subsidiary of State Street Corporation

STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	n/a	Ordinary	1,111	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	n/a	Ordinary	15,298	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BNP Paribas	n/a	Ordinary	586,067	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Societe Generale	n/a	Ordinary	6,260	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	UBS AG	n/a	Ordinary	248,109	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	BFF Bank S.p.A.	n/a	Ordinary	17,454	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS TRUST COMPANY	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	Wilmington Trust Co	n/a	Ordinary	13,843	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	National Australian Bank LTD	n/a	Ordinary	176,325	Subsidiary of State Street Corporation
STATE STREET GLOBAL ADVISORS, LTD.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee	CIBC Mellon	n/a	Ordinary	52,644	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For memo pledge securities: Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	AQR FUNDS AQR ALTERNATIVE RISK PREMIA FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	67,661	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For memo pledge securities: Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	GMO ALTERNATIVE ALLOCATION FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	316,433	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For memo pledge securities: Relevant interest under section 608(8) being the right, as lender, to dispose of shares pledged to secure a securities loan	GMO IMPLEMENTATION FUND	STATE STREET BANK AND TRUST COMPANY	Ordinary	1,198,425	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	AMERICAN CENTURY INVESTMENT MANAGEMENT, INC.	AMERICAN CENTURY INVESTMENT MANAGEMENT, INC.	Ordinary	3,307,030	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	CALSTRS	CALSTRS	Ordinary	892,207	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	CONFIDENTIAL CLIENT ASIA A	CONFIDENTIAL CLIENT ASIA A	Ordinary	1,665,219	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	CONFIDENTIAL CLIENT - C	CONFIDENTIAL CLIENT - C	Ordinary	125,276	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	CONFIDENTIAL CLIENT KK	CONFIDENTIAL CLIENT KK	Ordinary	134,869	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	DIMENSIONAL FUND ADVISORS	DIMENSIONAL FUND ADVISORS	Ordinary	395,934	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	EURIZON CAPITAL S.A.	EURIZON CAPITAL S.A.	Ordinary	288,879	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	JNL SERIES TRUST	JNL SERIES TRUST	Ordinary	46,583	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	KAISER FOUNDATION HOSPITALS	KAISER FOUNDATION HOSPITALS	Ordinary	33,643	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	M FUND, INC.	M FUND, INC.	Ordinary	11,467	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	MERCER GLOBAL INVESTMENTS	MERCER GLOBAL INVESTMENTS	Ordinary	71,463	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	RETIREMENT SYSTEMS OF ALABAMA	RETIREMENT SYSTEMS OF ALABAMA	Ordinary	367,180	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SA FUNDS- INVESTMENT TRUST	SA FUNDS- INVESTMENT TRUST	Ordinary	164,940	Subsidiary of State Street Corporation

STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	SEA1	SEA1	Ordinary	16,190	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	TEACHER RETIREMENT SYSTEM OF TEXAS	TEACHER RETIREMENT SYSTEM OF TEXAS	Ordinary	110,464	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	THE EATON VANCE INVESTMENT COMPANIES	THE EATON VANCE INVESTMENT COMPANIES	Ordinary	185,122	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	TIAA - CREF	TIAA - CREF	Ordinary	4,427,882	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	TRANSAMERICA	TRANSAMERICA	Ordinary	18,505	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	UBS (IRL) ETF PLC	UBS (IRL) ETF PLC	Ordinary	9,311	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	UBS (LUX) FUND SOLUTIONS	UBS (LUX) FUND SOLUTIONS	Ordinary	37,806	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	VALIC	VALIC	Ordinary	204,997	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	VANECK ETF FUNDS	VANECK ETF FUNDS	Ordinary	32,025	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For Lent securities: Relevant interest under section 608(8A) being the holder of securities subject to an obligation to return under a securities lending agreement. State Street Bank and Trust Company has lent the securities and retains a relevant interest	WISDOMTREE TRUST	WISDOMTREE TRUST	Ordinary	253,008	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For collateral securities: Relevant interest under section 608(8A) being the right, as lender, to dispose of shares transferred to secure a securities loan	THE CITIGROUP GROUP	THE CITIGROUP GROUP	Ordinary	90,000	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For collateral securities: Relevant interest under section 608(8A) being the right, as lender, to dispose of shares transferred to secure a securities loan	THE ING GROUP	THE ING GROUP	Ordinary	350,000	Subsidiary of State Street Corporation
STATE STREET BANK AND TRUST COMPANY	For collateral securities: Relevant interest under section 608(8A) being the right, as lender, to dispose of shares transferred to secure a securities loan	THE RBC GROUP	THE RBC GROUP	Ordinary	20	Subsidiary of State Street Corporation



24 November 2023

Alok Maheshwary
Authorised Signatory

5. Consideration

Holder of relevant interest	Date of Acquisition	Nature of transaction	Consideration	Class and number of Securities affected
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	24-Jul-2023	Purchase	8.59 Ordinary	3,285
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	31-Aug-2023	Purchase	8.71 Ordinary	1,726
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	27-Sep-2023	Purchase	8.89 Ordinary	37,921
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	06-Nov-2023	Purchase	8.54 Ordinary	6,572
STATE STREET GLOBAL ADVISORS ASIA LIMITED	16-Nov-2023	Purchase	8.74 Ordinary	49,209
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	25-Jul-2023	Purchase	8.55 Ordinary	1,040
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	27-Jul-2023	Purchase	8.47 Ordinary	57,412
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	07-Aug-2023	Purchase	8.45 Ordinary	608
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	10-Aug-2023	Purchase	8.43 Ordinary	40,416
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	11-Aug-2023	Purchase	8.43 Ordinary	1,040
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	16-Aug-2023	Purchase	8.36 Ordinary	832
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	31-Aug-2023	Purchase	8.71 Ordinary	46,363
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	31-Aug-2023	Purchase	8.72 Ordinary	2,098
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	06-Sep-2023	Purchase	8.37 Ordinary	624
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	12-Sep-2023	Purchase	8.53 Ordinary	624
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	13-Sep-2023	Purchase	8.59 Ordinary	624
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	15-Sep-2023	Purchase	8.64 Ordinary	2,535
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	19-Sep-2023	Purchase	8.70 Ordinary	2,535
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	22-Sep-2023	Purchase	8.86 Ordinary	624
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	25-Sep-2023	Purchase	8.89 Ordinary	15,621
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	27-Sep-2023	Purchase	8.88 Ordinary	624
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	02-Oct-2023	Purchase	8.87 Ordinary	3,731
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	03-Oct-2023	Purchase	8.73 Ordinary	2,090
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	05-Oct-2023	Purchase	8.66 Ordinary	618
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	06-Oct-2023	Purchase	8.72 Ordinary	621
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	09-Oct-2023	Purchase	8.73 Ordinary	836
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	11-Oct-2023	Purchase	9.21 Ordinary	2,508
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	18-Oct-2023	Purchase	9.21 Ordinary	25,688
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	23-Oct-2023	Purchase	9.19 Ordinary	1,254
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	26-Oct-2023	Purchase	9.19 Ordinary	18,307
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	26-Oct-2023	Purchase	9.19 Ordinary	29,314
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	01-Nov-2023	Purchase	9.07 Ordinary	209
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	03-Nov-2023	Purchase	8.38 Ordinary	627
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	08-Nov-2023	Purchase	8.74 Ordinary	836
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	10-Nov-2023	Purchase	8.65 Ordinary	2,299
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	14-Nov-2023	Purchase	8.50 Ordinary	2,717
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	15-Nov-2023	Purchase	8.57 Ordinary	418
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	16-Nov-2023	Purchase	8.74 Ordinary	1,045
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	17-Nov-2023	Purchase	8.60 Ordinary	1,470
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	20-Nov-2023	Purchase	8.53 Ordinary	192
STATE STREET GLOBAL ADVISORS LIMITED	09-Aug-2023	In specie contribution	n/a Ordinary	21,981
STATE STREET GLOBAL ADVISORS LIMITED	14-Aug-2023	Purchase	8.42 Ordinary	965
STATE STREET GLOBAL ADVISORS LIMITED	23-Aug-2023	Purchase	8.68 Ordinary	965
STATE STREET GLOBAL ADVISORS LIMITED	25-Aug-2023	Purchase	8.65 Ordinary	983
STATE STREET GLOBAL ADVISORS LIMITED	31-Aug-2023	Purchase	8.71 Ordinary	710
STATE STREET GLOBAL ADVISORS LIMITED	12-Sep-2023	Purchase	8.53 Ordinary	2,130
STATE STREET GLOBAL ADVISORS LIMITED	21-Sep-2023	Purchase	8.70 Ordinary	711
STATE STREET GLOBAL ADVISORS LIMITED	26-Sep-2023	Purchase	8.86 Ordinary	1,422
STATE STREET GLOBAL ADVISORS LIMITED	06-Oct-2023	Purchase	8.72 Ordinary	3,960
STATE STREET GLOBAL ADVISORS LIMITED	10-Oct-2023	Purchase	9.21 Ordinary	712
STATE STREET GLOBAL ADVISORS LIMITED	13-Oct-2023	Purchase	9.27 Ordinary	1,424
STATE STREET GLOBAL ADVISORS LIMITED	26-Oct-2023	Purchase	9.19 Ordinary	714
STATE STREET GLOBAL ADVISORS LIMITED	30-Oct-2023	Purchase	9.17 Ordinary	2,856
STATE STREET GLOBAL ADVISORS LIMITED	09-Nov-2023	Purchase	8.87 Ordinary	6,750
STATE STREET GLOBAL ADVISORS LIMITED	16-Nov-2023	Purchase	8.74 Ordinary	6,435
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	26-Jul-2023	In specie contribution	n/a Ordinary	7,884
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	01-Aug-2023	In specie contribution	n/a Ordinary	79,830
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	03-Aug-2023	In specie contribution	n/a Ordinary	8,142
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	04-Aug-2023	In specie contribution	n/a Ordinary	7,884
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	15-Aug-2023	In specie contribution	n/a Ordinary	1,625
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	16-Aug-2023	In specie contribution	n/a Ordinary	10,653
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	17-Aug-2023	In specie contribution	n/a Ordinary	18,692
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	22-Aug-2023	In specie contribution	n/a Ordinary	8,154
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	23-Aug-2023	In specie contribution	n/a Ordinary	825,247
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	29-Aug-2023	Purchase	8.69 Ordinary	325,938
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	29-Aug-2023	In specie contribution	n/a Ordinary	4,083
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	01-Sep-2023	In specie contribution	n/a Ordinary	4,119
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	11-Sep-2023	Purchase	8.54 Ordinary	282,625
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	14-Sep-2023	In specie contribution	n/a Ordinary	4,152
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	15-Sep-2023	Purchase	8.64 Ordinary	47,139
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	19-Sep-2023	In specie contribution	n/a Ordinary	8,320
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	22-Sep-2023	In specie contribution	n/a Ordinary	4,159
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	27-Sep-2023	In specie contribution	n/a Ordinary	12,480
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	03-Oct-2023	In specie contribution	n/a Ordinary	21,386
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	05-Oct-2023	In specie contribution	n/a Ordinary	4,082
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	13-Oct-2023	In specie contribution	n/a Ordinary	1,620
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	16-Oct-2023	In specie contribution	n/a Ordinary	4,082
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	18-Oct-2023	In specie contribution	n/a Ordinary	5,232
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	19-Oct-2023	Purchase	9.22 Ordinary	549,458
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	20-Oct-2023	In specie contribution	n/a Ordinary	4,082
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	23-Oct-2023	In specie contribution	n/a Ordinary	3,242
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	31-Oct-2023	Purchase	9.13 Ordinary	403,976
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	02-Nov-2023	In specie contribution	n/a Ordinary	5,704
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	03-Nov-2023	In specie contribution	n/a Ordinary	229,540
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	06-Nov-2023	In specie contribution	n/a Ordinary	8,166
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	08-Nov-2023	Purchase	8.74 Ordinary	300,884
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	14-Nov-2023	Purchase	8.50 Ordinary	156,489
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	15-Nov-2023	Purchase	8.57 Ordinary	200,000
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	16-Nov-2023	In specie contribution	n/a Ordinary	3,252
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	21-Nov-2023	In specie contribution	n/a Ordinary	176,325
STATE STREET GLOBAL ADVISORS, INC.	24-Jul-2023	Purchase	8.59 Ordinary	5,436
STATE STREET GLOBAL ADVISORS, INC.	25-Jul-2023	Purchase	8.55 Ordinary	3,752
STATE STREET GLOBAL ADVISORS, INC.	26-Jul-2023	Purchase	8.48 Ordinary	3,936
STATE STREET GLOBAL ADVISORS, INC.	26-Jul-2023	Purchase	8.53 Ordinary	12,546
STATE STREET GLOBAL ADVISORS, INC.	27-Jul-2023	Purchase	8.47 Ordinary	13,315
STATE STREET GLOBAL ADVISORS, INC.	28-Jul-2023	Purchase	8.52 Ordinary	7,261
STATE STREET GLOBAL ADVISORS, INC.	04-Aug-2023	Purchase	8.42 Ordinary	10,197
STATE STREET GLOBAL ADVISORS, INC.	07-Aug-2023	Purchase	8.45 Ordinary	7,393
STATE STREET GLOBAL ADVISORS, INC.	11-Aug-2023	In specie contribution	n/a Ordinary	8,304
STATE STREET GLOBAL ADVISORS, INC.	18-Aug-2023	In specie contribution	n/a Ordinary	7,319
STATE STREET GLOBAL ADVISORS, INC.	21-Aug-2023	In specie contribution	n/a Ordinary	268
STATE STREET GLOBAL ADVISORS, INC.	22-Aug-2023	Purchase	8.69 Ordinary	2,241
STATE STREET GLOBAL ADVISORS, INC.	23-Aug-2023	In specie contribution	n/a Ordinary	266
STATE STREET GLOBAL ADVISORS, INC.	29-Aug-2023	In specie contribution	n/a Ordinary	14,532
STATE STREET GLOBAL ADVISORS, INC.	30-Aug-2023	In specie contribution	n/a Ordinary	7,958
STATE STREET GLOBAL ADVISORS, INC.	31-Aug-2023	Purchase	8.71 Ordinary	2,516
STATE STREET GLOBAL ADVISORS, INC.	04-Sep-2023	Purchase	8.72 Ordinary	21,955
STATE STREET GLOBAL ADVISORS, INC.	06-Sep-2023	Purchase	8.40 Ordinary	5,699

STATE STREET GLOBAL ADVISORS, INC.	07-Sep-2023	Purchase	8.43	Ordinary	9,059
STATE STREET GLOBAL ADVISORS, INC.	07-Sep-2023	In specie contribution	n/a	Ordinary	867
STATE STREET GLOBAL ADVISORS, INC.	15-Sep-2023	Purchase	8.64	Ordinary	26,941
STATE STREET GLOBAL ADVISORS, INC.	20-Sep-2023	In specie contribution	n/a	Ordinary	6,920
STATE STREET GLOBAL ADVISORS, INC.	22-Sep-2023	In specie contribution	n/a	Ordinary	4,637
STATE STREET GLOBAL ADVISORS, INC.	25-Sep-2023	Purchase	8.82	Ordinary	4,159
STATE STREET GLOBAL ADVISORS, INC.	26-Sep-2023	Purchase	8.80	Ordinary	9,254
STATE STREET GLOBAL ADVISORS, INC.	27-Sep-2023	Purchase	8.88	Ordinary	60,430
STATE STREET GLOBAL ADVISORS, INC.	29-Sep-2023	Purchase	8.78	Ordinary	3,777
STATE STREET GLOBAL ADVISORS, INC.	29-Sep-2023	Purchase	8.80	Ordinary	1,836
STATE STREET GLOBAL ADVISORS, INC.	29-Sep-2023	In specie contribution	n/a	Ordinary	6,940
STATE STREET GLOBAL ADVISORS, INC.	04-Oct-2023	Purchase	8.71	Ordinary	22,057
STATE STREET GLOBAL ADVISORS, INC.	09-Oct-2023	In specie contribution	n/a	Ordinary	15,962
STATE STREET GLOBAL ADVISORS, INC.	12-Oct-2023	Purchase	9.22	Ordinary	19,239
STATE STREET GLOBAL ADVISORS, INC.	12-Oct-2023	Purchase	9.26	Ordinary	20,272
STATE STREET GLOBAL ADVISORS, INC.	17-Oct-2023	Purchase	9.31	Ordinary	4,281
STATE STREET GLOBAL ADVISORS, INC.	18-Oct-2023	Purchase	9.21	Ordinary	8,172
STATE STREET GLOBAL ADVISORS, INC.	24-Oct-2023	Purchase	9.18	Ordinary	10,778
STATE STREET GLOBAL ADVISORS, INC.	26-Oct-2023	Purchase	9.19	Ordinary	5,822
STATE STREET GLOBAL ADVISORS, INC.	09-Nov-2023	Purchase	8.87	Ordinary	3,656
STATE STREET GLOBAL ADVISORS, INC.	14-Nov-2023	In specie contribution	n/a	Ordinary	266
STATE STREET GLOBAL ADVISORS, INC.	16-Nov-2023	In specie contribution	n/a	Ordinary	5,205
STATE STREET GLOBAL ADVISORS, INC.	17-Nov-2023	Purchase	8.75	Ordinary	5,111
STATE STREET GLOBAL ADVISORS, INC.	20-Nov-2023	Purchase	8.53	Ordinary	27,867
STATE STREET BANK AND TRUST COMPANY	07-Nov-2023	Taking a pledge over securities to secure a securities loan from AQR FUNDS AQR ALTERNATIVE RISK PREMIA FUND - Refer Part C of Annexure E	n/a	Ordinary	28,292
STATE STREET BANK AND TRUST COMPANY	02-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	(4,584)
STATE STREET BANK AND TRUST COMPANY	03-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	4,584
STATE STREET BANK AND TRUST COMPANY	30-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	(5,130)
STATE STREET BANK AND TRUST COMPANY	31-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	3,604
STATE STREET BANK AND TRUST COMPANY	01-Nov-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	1,526
STATE STREET BANK AND TRUST COMPANY	02-Nov-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET ACWI EX US ALPHA EXTENSION TRUST FUND U - Refer Part C of Annexure E	n/a	Ordinary	(123,919)
STATE STREET BANK AND TRUST COMPANY	17-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	82,877
STATE STREET BANK AND TRUST COMPANY	18-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(130)
STATE STREET BANK AND TRUST COMPANY	19-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(17,799)
STATE STREET BANK AND TRUST COMPANY	20-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	10,533
STATE STREET BANK AND TRUST COMPANY	23-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(6,656)
STATE STREET BANK AND TRUST COMPANY	24-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(434)
STATE STREET BANK AND TRUST COMPANY	25-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(962)
STATE STREET BANK AND TRUST COMPANY	26-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	8,546
STATE STREET BANK AND TRUST COMPANY	27-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	27
STATE STREET BANK AND TRUST COMPANY	30-Oct-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(3,736)
STATE STREET BANK AND TRUST COMPANY	31-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	1,366
STATE STREET BANK AND TRUST COMPANY	01-Nov-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(24,454)
STATE STREET BANK AND TRUST COMPANY	02-Nov-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND CAYMAN LIMITED - Refer Part C of Annexure E	n/a	Ordinary	(49,178)
STATE STREET BANK AND TRUST COMPANY	24-Jul-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	216
STATE STREET BANK AND TRUST COMPANY	25-Jul-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	395
STATE STREET BANK AND TRUST COMPANY	26-Jul-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	(236)
STATE STREET BANK AND TRUST COMPANY	31-Jul-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	(2,925)
STATE STREET BANK AND TRUST COMPANY	27-Oct-2023	Taking a pledge over securities to secure a securities loan from ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	17,663
STATE STREET BANK AND TRUST COMPANY	13-Nov-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	(19,531)
STATE STREET BANK AND TRUST COMPANY	14-Nov-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET GLOBAL EQUITY ALPHA EXTENSION FUND II - Refer Part C of Annexure E	n/a	Ordinary	(15,668)
STATE STREET BANK AND TRUST COMPANY	01-Aug-2023	Releasing a pledge over securities provided to secure a securities loan to ARROWSTREET INTERNATIONAL			

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[illegible]

STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	46,583
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	33,643
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	11,467
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	71,463
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	367,180
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	164,940
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	16,190
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	110,464
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	185,122
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	4,427,882
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	18,505
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	9,311
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	37,806
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	204,997
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	32,025
STATE STREET BANK AND TRUST COMPANY	16-Nov-2023	Lending securities under a securities loan to THE GOLDMAN SACHS GROUP - Refer Part A of Annexure D	n/a	Ordinary	253,008



24 November 2023

Alok Maheshwary
Authorised Signatory

7. Addresses

Name	Address
SSGA FUNDS MANAGEMENT, INC.	Channel Center, 1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS (JAPAN) CO., LTD.	Toranomon Hills Mori Tower 25F, 1-23-1 Toranomom, Minato-ku, Tokyo, 105-6325, Japan
STATE STREET GLOBAL ADVISORS ASIA LIMITED	68th Floor, Two International Finance Centre, 8 Finance Street, Central, Hong Kong, China
STATE STREET GLOBAL ADVISORS EUROPE LIMITED	78 Sir John Rogerson's Quay, Dublin 2, Ireland
STATE STREET GLOBAL ADVISORS LIMITED	20 Churchill Place, London, England, E14 5HJ, United Kingdom
STATE STREET GLOBAL ADVISORS TRUST COMPANY	1 Iron Street, Boston MA 02210, United States
STATE STREET GLOBAL ADVISORS, AUSTRALIA, LIMITED	Level 15, 420 George Street, Sydney NSW 2000, Australia
STATE STREET GLOBAL ADVISORS, LTD.	1981 McGill College Avenue, Suite 500, Montreal Québec H3A 3A8, Canada
STATE STREET GLOBAL ADVISORS, INC.	1 Iron Street, Boston MA 02210, United States
STATE STREET BANK AND TRUST COMPANY	One Congress Street, Suite 1, Boston MA 02114, United States



24 November 2023

Alok Maheshwary
Authorised Signatory

5. Consideration

State Street Bank and Trust Company will, if requested by the company or responsible entity to whom this form must be given under the Corporations Act 2001 (Cth) or if requested by the Australian Securities and Investment Commission (ASIC), provide a copy of the master securities lending agreement/s and security agreement/s referred to below to the company, responsible entity or ASIC.

Part A: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires relevant interest as lender of the securities under securities lending authorisation agreement, subject to obligation to return under the agreement. (State Street Bank and Trust Company has lent the securities and retains relevant interest as per Part B of this Annexure.)

Type of agreement	Securities Lending Authorisation Agreement/ Global Master Securities Lending Agreement/ Securities Loan Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) No (2) Yes. (Borrower has the right to vote, but may on-lend securities)
If yes, in what circumstances	(1) Only if instructed to by the borrower (2) As determined by the owner of the securities
Transfer date	The dates on which the securities were delivered by State Street Bank and Trust Company as lender are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part B: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires a relevant interest in securities through taking a security interest ("title transfer") over the securities as collateral to secure a securities loan. (See Part A of this Annexure for securities loan details.)

Type of agreement	Global Master Securities Lending Agreement Securities Lending Authorisation Agreement
Parties to agreement	(1) State Street Bank and Trust Company (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the borrower defaults and ownership is enforced (2) Yes
If yes, in what circumstances	(1) Only if the borrower defaults and ownership is enforced (2) In accordance with ordinary rights as registered holder, either directly or through nominee holder
Transfer date	The dates on which the securities were transferred, as indicated in Annexure B to this notice
Scheduled return date	No scheduled return date. Securities collateral is returned on termination of related securities loan
Does the borrower have the right to have the securities returned early?	No scheduled return date. Securities collateral is returned on termination of related securities loan or the provision of alternative collateral
If yes, in what circumstances	At any time subject to returning the borrowed securities or equivalent securities or providing alternative collateral
Are there any circumstances in which the lender is not required to return securities collateral on settlement?	No, assuming the borrower returns the borrowed securities or equivalent securities
If yes, detail any exceptions	n/a (lender must return securities collateral if the borrower returns the borrowed securities or equivalent securities)



24 November 2023

Alok Maheshwary
Authorised Signatory

5. Consideration

State Street Bank and Trust Company will, if requested by the company or responsible entity to whom this form must be given under the Corporations Act 2001 (Cth) or if requested by the Australian Securities and Investment Commission (ASIC), provide a copy of the master securities lending agreement/s and security agreement/s referred to below to the company, responsible entity or ASIC.

Part A: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires relevant interest as borrower of the securities under securities lending agreement, subject to obligation to return under the agreement. (State Street Bank and Trust Company has on-lent the securities and retains relevant interest as per Part B of this Annexure.)

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement/Securities Loan Agreement
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes (if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure) (2) No, not during term of securities loan
If yes, in what circumstances	(1) Only if the borrower is the registered holder. However the securities are on-lent by the borrower as per Part B of this Annexure (2) n/a
Transfer date	The dates on which the securities were delivered to State Street Bank and Trust Company as borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part B: For relevant interests arising out of lending securities - State Street Bank and Trust Company lends the securities under securities lending agreement, and retains relevant interest through the right to recall the securities or equivalent securities.

Type of agreement	Global Master Securities Lending Agreement/Master Securities Loan Agreement
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the lender recalls the loan and exercises its right to become the registered holder (2) Yes (while registered holder)
If yes, in what circumstances	(1) Only if the lender recalls the loan and exercises its right to become the registered holder (2) Borrower may exercise voting rights (while registered holder)
Transfer date	The dates on which the securities were delivered to the borrower are set out in Annexure B to this notice
Scheduled return date	No scheduled return date
Does the borrower have the right to return the securities early?	No scheduled return date. Borrower can return securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Borrower can return securities or equivalent securities at any time subject to giving notice
Does the lender have the right to recall the securities early (ie before the scheduled return date)?	No scheduled return date. Lender can require return of securities or equivalent securities at any time subject to giving notice
If yes, in what circumstances	Lender can require return of securities or equivalent securities at any time subject to giving notice
Are there any circumstances in which the borrower is not required to return securities or equivalent securities on settlement?	No
If yes, detail any exceptions	n/a

Part C: For relevant interests arising out of lending securities - State Street Bank and Trust Company acquires a relevant interest in securities through taking a security interest ("pledge") over the securities as collateral to secure a securities loan. (See Part B of this Annexure for securities loan details.)

Type of agreement	Global Master Securities Lending Agreement Security Agreement: the pro forma security agreement governing the pledge is attached to this notice
Parties to agreement	(1) STATE STREET BANK AND TRUST COMPANY (2) The entity referred to in the relevant part of Annexure B to this notice
Can the parties exercise voting rights attaching to the securities?	(1) Yes, but only if the borrower defaults and pledge is enforced (2) Yes
If yes, in what circumstances	(1) Only if the borrower defaults and pledge is enforced (2) In accordance with ordinary rights as registered holder, either directly or through nominee holder
Pledge date	The dates on which the securities were pledged, as indicated in Annexure B to this notice
Scheduled release date	No scheduled release date. Securities are released from pledge on termination of related securities loan
Does the borrower have the right to have the securities released early?	No scheduled release date. Securities are released from pledge on termination of related securities loan or the provision of alternative collateral
If yes, in what circumstances	At any time subject to returning the borrowed securities or equivalent securities or providing alternative collateral
Are there any circumstances in which the lender is not required to release the pledged securities on settlement?	No, assuming the borrower returns the borrowed securities or equivalent securities
If yes, detail any exceptions	n/a (lender must release pledged securities if the borrower returns the borrowed securities or equivalent securities)