

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To: Company Name/Scheme Nufarm Limited NUF.AX
ABN/ACN/ARSN 37 091 323 312

1. Details of substantial holder

Name Macquarie Group Limited ('MQG'); and its controlled bodies corporate listed in Annexure A ('Macquarie Group Entities')
ABN/ACN/ARSN (if applicable) 122 169 279

There was a change in the interests of the substantial holder on: 23 October 2019
The previous notice was given to the company on: 15 October 2019
The previous notice was dated: 10 October 2019

2. Previous and present 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 had a relevant interest in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities	Previous notice		Present notice	
	Person's votes	Voting power	Person's votes	Voting power
'FPO'	23,392,093	6.16%	19,264,384	5.07%

3. Change in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate 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 has changed	Nature of change	Consideration given in relation to change	Number of securities affected	Class	Voting power
See Annexure B						

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder	Nature of relevant interest	Number of securities	Class	Person's votes
MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	Pursuant to section 608 of the Corporations Act	14,139,185	FPO	14,139,185
MACQUARIE EMG HOLDINGS PTY LIMITED	MACQUARIE EMG HOLDINGS PTY LIMITED	MACQUARIE EMG HOLDINGS PTY LIMITED	Pursuant to section 608 of the Corporations Act	5,000	FPO	5,000
MACQUARIE INVESTMENT MANAGEMENT LTD	Bond Street Custodians Limited	Bond Street Custodians Limited	Pursuant to section 608 of the Corporations Act	2,023,046	FPO	2,023,046
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Citibank Hong Kong	Citibank Hong Kong	Pursuant to section 608 of the Corporations Act	765,348	FPO	765,348
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	National Nominees Limited	National Nominees Limited	Pursuant to section 608 of the Corporations Act	22,328	FPO	22,328
	Northern Trust Corporation (Singapore Branch)	Northern Trust Corporation (Singapore Branch)	Pursuant to section 608 of the Corporations Act	2,309,477	FPO	2,309,477

5. Changes in association

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

Name and ACN (if applicable)	Nature of association
Macquarie Group Limited & Macquarie Group Entities	Controlled Bodies Corporate

6. Addresses

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

Name	Address
MACQUARIE BANK LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE EMG HOLDINGS PTY LIMITED	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
Macquarie Group Limited	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

SignaturePrint name Dennis LeongCapacity Company Secretary

Sign here

Date 28 October 2019

ANNEXURE 'A'

This is the annexure marked 'A' of 18 pages referred to in the Notice of change of interests of substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
28 October 2018

Controlled Bodies Corporate

ACN / Company No	Entity Name	Incorp Country
	1250 N LaSalle Member LLC	United States
	1250 N LaSalle Property LLC	United States
	7V Solar Ranch, LLC	United States
136 024 970	A.C.N. 136 024 970 PTY LTD	Australia
153 275 677	A.C.N. 153 275 677 Pty Ltd	Australia
154 402 927	A.C.N. 154 402 927 Pty Ltd	Australia
B-88238381	Abeto New Energy S.L.	Spain
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
	Ace Info Solutions, LLC	United States
09128186	ACESCOTT MANAGEMENT SERVICES LIMITED	United Kingdom
	ADAMS CREEK SOLAR PROJECT, LLC	United States
HRB 237758	AIF Business Solutions GmbH	Germany
	ALLEN COUNTY SOLAR PROJECT, LLC	United States
	ATLANTA FARMS SOLAR PROJECT, LLC	United States
	AUDRAIN COUNTY SOLAR PROJECT, LLC	United States
	AUGLAIZE COUNTY SOLAR PROJECT, LLC	United States
	AUSTIN PARKWAY SOLAR PROJECT, LLC	United States
20-3690322	AVENAL POWER CENTER, LLC	United States
008604966	BELIKE NOMINEES PTY. LIMITED	Australia
11976442	Bernard Bidco Limited	United Kingdom
11974583	Bernard Midco Limited	United Kingdom
11974754	Bernard Parentco Limited	United Kingdom
11974335	Bernard Topco Limited	United Kingdom
12099853	Bilbao Offshore Holding Limited	United Kingdom
12097709	Bilbao Offshore Investment Limited	United Kingdom
12095099	Bilbao Offshore TopCo Limited	United Kingdom
11431362	Bing TK Holdings Limited	United Kingdom
11431590	Bing TK Limited	United Kingdom
126708	Bing TK Topco Limited	Jersey
1341427-T	BLE MALAYSIA 101 SDN. BHD.	Malaysia
20-2937246	Blue Grass Abstract LLC	United States
201816156M	BLUE LEAF ENERGY ASIA PTE. LTD.	Singapore
0100-01-192544	BLUE LEAF ENERGY JAPAN K.K.	Japan
1340822-D	BLUE LEAF ENERGY MALAYSIA HOLDINGS SDN. BHD.	Malaysia
CS2015160102	BLUE LEAF ENERGY SERVICES PHILIPPINES, INC.	Philippines
201536002R	BLUE LEAF ENERGY SPV HOLDCO PTE. LTD.	Singapore
	BLUEGRASS PLAINS SOLAR PROJECT, LLC	United States
46-5587770	Blueshine, LLC	United States
	Bluestone Equity Release Series 1 Warehouse Trust	Australia
30-0746347	Boketo LLC	United States
008607065	BOND STREET CUSTODIANS LIMITED	Australia
008606924	BOND STREET INVESTMENTS PTY. LIMITED	Australia
004680004	BOSTON AUSTRALIA PTY LIMITED	Australia
005008702	BOSTON LEASING PTY. LIMITED	Australia
	BRAZORIA COUNTY SOLAR PROJECT, LLC	United States
	BRAZORIA WEST SOLAR PROJECT, LLC	United States
0591982	BROOKE EDGLEY SPECIALIST TECHNICAL SERVICES LTD	United Kingdom
	BUCKEYE PLAINS II SOLAR PROJECT, LLC	United States
	BUCKEYE PLAINS SOLAR PROJECT, LLC	United States
996 101 045	Buheii Vindkraft AS	Norway
88217	Bunhill Investments Unlimited	Jersey
179-81-01129	BUSAN OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
002865830	BUTTONWOOD NOMINEES PTY LIMITED	Australia
	CALHOUN COUNTY SOLAR PROJECT, LLC	United States
	Canadian Breaks II LLC	United States
	CANADIAN COUNTY SOLAR PROJECT, LLC	United States
	Candela Renewables Hamel DevCo, LLC	United States
	CANE FLATS SOLAR PROJECT, LLC	United States
	Canoe Creek Solar Project, LLC	United States
04800336	Capital Meters Holdings Limited	United Kingdom
04800317	Capital Meters Limited	United Kingdom
02792592	CARDINAL SPECIALIST SERVICES LIMITED	United Kingdom

	CASS COUNTY SOLAR PROJECT, LLC	United States
	CBP Holdings LLC	United States
	CENTENNIAL SKY SOLAR PROJECT, LLC	United States
	CENTERVILLE PIKE II SOLAR PROJECT, LLC	United States
	CENTERVILLE PIKE SOLAR PROJECT, LLC	United States
538-88-01399	CERES HOLDINGS CO., LTD.	Korea, Republic of
11425435	Chablis TK Holdings Limited	United Kingdom
10974030	CHAPTRE GreenCo Holdings Limited	United Kingdom
06373185	Cheeryble Developments Limited	United Kingdom
	CHIMNEY HILL SOLAR PROJECT, LLC	United States
46527C1/GBL	CHINA PROPERTY INVESTMENTS LIMITED	Mauritius
	CHOCTAW COUNTY SOLAR PROJECT, LLC	United States
	CHOCTAW FIELDS SOLAR PROJECT, LLC	United States
03374593	CJS (EASTERN) LIMITED	United Kingdom
	CLERMONT COUNTY SOLAR PROJECT, LLC	United States
20-2937258	Closing Documentation Services, LLC	United States
	CMC Holdco Inc.	United States
	CMC Railroad Holdco LLC	United States
	CMC Railroad, LLC	United States
30-0791081	Colorado - PTH, LLC	United States
CER151028DM3	Comercializadora Energia de la Reforma S. de R.L. de C.V.	Mexico
638656	Comhar Housing Holdings Limited	Ireland
11809996	Comhar Housing Investments Limited	United Kingdom
638657	Comhar Housing Limited	Ireland
	Commerce and Industry Brokerage Inc.	United States
626485005	Conergy Solar Australia Pty Limited	Australia
	Connecticut Mystic Lien, LLC	United States
03241012	Corona Energy Limited	United Kingdom
03241002	Corona Energy Retail 1 Limited	United Kingdom
SC138299	Corona Energy Retail 2 Limited	United Kingdom
02746961	Corona Energy Retail 3 Limited	United Kingdom
02798334	Corona Energy Retail 4 Limited	United Kingdom
07545410	Corona Energy Retail 5 Limited (In Voluntary Liquidation - 14 Dec. 2018)	United Kingdom
02879748	Corona Gas Management Limited	United Kingdom
11496686	Craighouse Investments Limited	United Kingdom
51-0566317	Crystal Screens Media Inc.	United States
82-3700769	CT MLH Bluff Road Venture, LLC	United States
	DALE COUNTY SOLAR PROJECT, LLC	United States
10520639	Danube Investments Limited	United Kingdom
37-1737048	DC - PTH, LLC	United States
	DEFIANCE COUNTY SOLAR PROJECT, LLC	United States
23-3061021	Delaware Capital Management	United States
27-1291359	Delaware Capital Management Advisers, Inc.	United States
23-2226487	Delaware Distributors, Inc.	United States
23-2791871	Delaware Distributors, L.P.	United States
46-3152566	Delaware Emerging Market Debt Fund	United States
46-4850078	Delaware Investments Advisers Partner, Inc.	United States
N/A	Delaware Investments Corporate Bond Fund (UCITs)	Ireland
46-4639812	Delaware Investments Distribution Partner, Inc.	United States
46-1906107	Delaware Investments Fund Advisers	United States
46-5056965	Delaware Investments Fund Services Company	United States
	Delaware Investments Global Value Equity (UCITs)	Ireland
13-3465352	Delaware Investments Management Company, LLC	United States
23-2859589	Delaware Management Company	United States
23-2601407	Delaware Management Trust Company	United States
13-3465338	Delaware Service Company, Inc.	United States
81-2626999	Delaware Small Cap Growth Fund	United States
	DELTA1 FINANCE TRUST	Australia
	DILLON SOLAR PROJECT, LLC	United States
083 158 614	DIVCO 22 PTY LIMITED	Australia
	DOVE RUN SOLAR PROJECT, LLC	United States
	Dovel Holdings I, LLC	United States
	Dovel Holdings II, LLC	United States
	Dovel Holdings, LLC	United States
	Dovel Technologies, LLC	United States
	Dowagiac Solar Project, LLC	United States
	DT ZapThink, LLC	United States
	EAST SETAUKET ENERGY STORAGE, LLC	United States
608 027 505	EDUWEST EQUITY HOLDING PTY LIMITED	Australia
608 027 434	EDUWEST PROJECT CO PTY LIMITED	Australia
608 027 596	EDUWEST PROJECT HOLDING COMPANY PTY LIMITED	Australia
127338827	ELAINE WINDFARM PTY LTD	Australia
	Elektron Holdings, Inc.	United States
069344001	ELISE NOMINEES PTY LIMITED	Australia
	ELKHART COUNTY SOLAR PROJECT, LLC	United States
B-88238423	Encina New Energy S.L.	Spain

06734140822	Energia Verde Trapani S.r.l.	Italy
0200-03-009420	ENERGY PRATHAM INC.	Japan
12153574	Enso Green Holdings Limited	United Kingdom
0000291261	Eolica Kisielice spółka z ograniczoną odpowiedzialnością	Poland
006435810	EQUITAS NOMINEES PTY. LIMITED	Australia
	ERC Holdco LLC	United States
	ESCAMBIA COUNTY SOLAR PROJECT, LLC	United States
079878783	EURO FIN CO PTY LTD	Australia
11246622	Euro II PPP Platform GP Limited	United Kingdom
11246816	Euro II PPP Platform LP Limited	United Kingdom
11254324	Euro III Platform Partner Limited	United Kingdom
11246941	Euro III PPP Platform GP Limited	United Kingdom
619687	Euro Investco PPP Ireland GP Limited	Ireland
11469733	Euro IV PPP Platform GP Limited	United Kingdom
11469853	Euro IV PPP Platform Partner Limited	United Kingdom
11171693	Euro PPP Platform GP Limited	United Kingdom
11171914	Euro PPP Platform LP Limited	United Kingdom
12126026	Euro V PPP Platform GP Limited	United Kingdom
12130996	Euro V PPP Platform Partner Limited	United Kingdom
20-5600465	FAS 1 LLC	United States
0713.617.617	Feliz Holding SPRL	Belgium
B88238514	Ficus Solar PV, S.L.	Spain
	FILLMORE COUNTY SOLAR PROJECT, LLC	United States
137357	FINCH SECURITIES LIMITED	Cayman Islands
12-377-980/0001-25	FIP Gestora de Recursos Ltda.	Brazil
80-0940702	FL - PTH 1, LLC	United States
36-4767568	FL - PTH 10, LLC	United States
90-1004919	FL - PTH 2, LLC	United States
61-1718024	FL - PTH 3, LLC	United States
80-0941771	FL - PTH 4, LLC	United States
90-1005859	FL - PTH 5, LLC	United States
80-0942248	FL - PTH 6, LLC	United States
90-1006383	FL - PTH 7, LLC	United States
80-0942772	FL - PTH 8, LLC	United States
80-0943053	FL - PTH 9, LLC	United States
	FLAG CITY SOLAR PROJECT, LLC	United States
	FLICKERTAIL SOLAR PROJECT, LLC	United States
46-2260160	Florida Coral Lien Investments, LLC	United States
61-1577729	Florida Dundee Lien Investments, LLC	United States
10662385	Forth SPV 1 Limited	United Kingdom
10662568	Forth SPV 2 Limited	United Kingdom
95-4881110	Four Corners Capital Management, LLC	United States
	Fox-Pitt Kelton Cochran Caronia Waller (USA) LLC	United States
06-1058201	Fox-Pitt Kelton Cochran Caronia Waller LLC	United States
01601171	Fox-Pitt, Kelton Limited	United Kingdom
32157	Fox-Pitt, Kelton N.V.	Curacao
99228	FPK Capital I CIP GP Limited	Jersey
20-5600465	Fremantle Energy Holdings, LLC	United States
20-5600465	Fremantle Energy, LLC	United States
20-2384759	Fremantle Wind Holdings Inc.	United States
	FRONT RANGE-MIDWAY SOLAR PROJECT, LLC	United States
9699834	Fulfilment Services Limited	United Kingdom
	FULTON COUNTY SOLAR PROJECT, LLC	United States
106204862	FUNDCORP PTY LIMITED	Australia
30-0790149	GA - PTH, LLC	United States
054001400	GATESUN PTY. LIMITED	Australia
570800	GGB inBalans Investco Ireland GP Limited	Ireland
	GIG Solar HoldCo, LLC	United States
	GIG US Investment Holdings Inc.	United States
	GIG US Solar Equipment, LLC	United States
009642942	GILLMAN PTY. LIMITED	Australia
0104-03-012938	GK BIO POWER JAPAN2	Japan
	GLL 200 State Street Corp	United States
81-1829460	GLL 400 Hope Interest, LLC	United States
	GLL America's Fund GP Corp	United States
HRB 148775	GLL Asset Management GmbH	Germany
	GLL Asset Management LLC	United States
47-2799970	GLL BVK Austin GP Inc	United States
47-1067714	GLL BVK Denver GP Inc.	United States
	GLL BVK General Partner Inc	United States
81-4279580	GLL BVK Miracorp General Partner, Inc.	United States
47-2784803	GLL BVK W.Adams GP, Inc	United States
	GLL Development and Management Inc	United States
HRB 139371	GLL Erste Verwaltungs GmbH	Germany
	GLL Fremont Interest II LLC	United States
HRB 149112	GLL Holding AG	Germany

HRB 198702	GLL HR CEE Management GmbH	Germany
	GLL HRE General Partner Inc	United States
HRB 217096	GLL Investment Management GmbH	Germany
B 116672	GLL Management Company Sarl	Luxembourg
B236844	GLL NY 1 S.à r.l.	Luxembourg
HRB 180132	GLL Office II Management GmbH	Germany
HRB 188989	GLL Office Management GmbH	Germany
B 200874	GLL Opportunities GP Sarl	Luxembourg
20-4902118	GLL Properties 444 North Michigan Corp.	United States
	GLL Properties Fund Corp. I	United States
	GLL Properties Fund Corp. II	United States
HRB 167136	GLL Real Estate Financial Services GmbH	Germany
HRB 134934	GLL Real Estate Partners GmbH	Germany
76.140.219-6	GLL Real Estate Partners GmbH Limitada	Chile
20601960843	GLL Real Estate Partners GmbH SAC	Peru
	GLL Real Estate Partners Inc	United States
HRB 206240	GLL Real Estate Partners Kapitalverwaltungsgesellschaft GmbH	Germany
01-09-905516	GLL Real Estate Partners Kft.	Hungary
796-87-01038	GLL Real Estate Partners LLC	Korea, Republic of
HRB 188990	GLL Retail Management GmbH	Germany
	GLL Selection II GP Corp	United States
B 165993	GLL Services Luxembourg Sarl	Luxembourg
	GLL US Office Corp	United States
	GLL US Retail Corp	United States
	GLL USA Management LLC	United States
B88368899	Global Tidore, S.L.	Spain
B88368881	Global Tyche, S.L.	Spain
HRB 236848	Globe Beteiligungs GmbH	Germany
11346219	Gnowee Iberia Holdings Limited	United Kingdom
05481707	Goonzaran Bluebell Funding Limited	United Kingdom
05473771	Goonzaran Bluebell Leasing Limited	United Kingdom
668-81-01105	GRAY WHALE OFFSHORE WIND POWER NO. 1 CO., LTD.	Korea, Republic of
642-88-01155	GRAY WHALE OFFSHORE WIND POWER NO. 2 CO., LTD.	Korea, Republic of
11654061	Green Empire WtE Holdings Limited	United Kingdom
538-88-00707	GREEN INVESTMENT GROUP (KOREA) LIMITED	Korea, Republic of
SC576143	Green Investment Group Investments Limited	United Kingdom
SC574147	Green Investment Group Limited	United Kingdom
SC460459	Green Investment Group Management Limited	United Kingdom
	GREENVILLE COUNTY SOLAR PROJECT, LLC	United States
	GRIMES COUNTY SOLAR PROJECT, LLC	United States
	GSD FARMING CO. LLC	United States
04948690	GUARDIAN CRADLE MAINTENANCE LIMITED	United Kingdom
617-86-04977	GWindSky Co., Ltd.	Korea, Republic of
	HAEUNDAE OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
82872003	Hamaguri Co., Ltd	Taiwan
	Hamel Renewables HoldCo, LLC	United States
83-0667215	Hamel Renewables, LLC	United States
	HANCOCK COUNTY SOLAR PROJECT, LLC	United States
	Hayden Run Solar Project, LLC	United States
415492	HBEAR CO. NO.1 LIMITED (in voluntary liquidation)	Ireland
11727242	HC Two PPP Investments Limited	United Kingdom
	HEADLAND-WIREGRASS SOLAR PROJECT, LLC	United States
125438600	HENDERSON WA PTY LIMITED	Australia
not registered	HENDERSON WA TRUST	Australia
	HERMAN SOLAR PROJECT, LLC	United States
559017	Hermes Infrastructure Investco Ireland GP Limited	Ireland
	HIDALGO COUNTY SOLAR PROJECT, LLC	United States
	High Oasis II Solar Project, LLC	United States
	HIGH OASIS SOLAR PROJECT, LLC	United States
	Highland Capital Partners 9 (SPV), L.P.	United States
	HILL TUCKER SOLAR PROJECT, LLC	United States
	HOLBROOK ENERGY STORAGE, LLC	United States
	Holtsville Energy Storage, LLC	United States
	Honolulu Civic Partners LLC	United States
104173891	HUB X PTY LIMITED	Australia
97666	Hydra Investments 2007 Limited	Jersey
	I-4 Logistics Center Tampa GP LLC	United States
0100-03-027910	Ichinoseki 2 GK	Japan
HRB 116619	ICS International Compliance Software Beteiligungs GmbH	Germany
HRB 116473	ICS International Compliance Software Beteiligungs Group GmbH	Germany
002757020	IDAMENEO (NO. 79) NOMINEES PTY. LIMITED	Australia
46-1490923	Illinois Salt Fox Investments, LLC	United States
20-2937198	Indiana TLP, LLC	United States
75920433	International Compliance Software Holding B.V.	Netherlands
201729633K	ION ENERGY PTE. LIMITED	Singapore
617 269 851	IPM Global Macro No. 50 Fund	Australia

11800668	JENEVER BIDCO LIMITED	United Kingdom
11797880	JENEVER HOLDCO LIMITED	United Kingdom
11798789	Jenever Midco Limited	United Kingdom
11800335	Jenever Parentco Limited	United Kingdom
11796208	Jenever Topco Limited	United Kingdom
0100-02-036303	JIG HOLDINGS LIMITED	Japan
611 447 628	JURIS PARTNERSHIP MCHPL EQUITY HOLDING COMPANY PTY LTD	Australia
609 122 901	JURIS PARTNERSHIP MCHPL PROJECT CO PTY LTD	Australia
609 115 997	JURIS PARTNERSHIP MCHPL PROJECT HOLDING COMPANY PTY LTD	Australia
464138	Juuichi Limited (in voluntary liquidation)	Ireland
	KC RENEWABLES, LLC	United States
	KELLER SOLAR PROJECT, LLC	United States
	KENDALL COUNTY SOLAR PROJECT, LLC	United States
	KIDMAN SOLAR PROJECT, LLC	United States
	KINGS FORK SOLAR PROJECT, LLC	United States
09541115	Kingswood Mortgages 2015-1 Holdings Limited	United Kingdom
09541195	Kingswood Mortgages 2015-1 PLC	United Kingdom
	KIOWA COUNTY SOLAR PROJECT, LLC	United States
12025635	Kisielice Wind Limited	United Kingdom
08558606	KOBI LIMITED	United Kingdom
603561360	KUBIO GROUP PTY LTD	Australia
56649800	L2 B.V.	Netherlands
FC032012	L2 B.V. (UK Branch)	United Kingdom
	LAKE COUNTY SOLAR PROJECT, LLC	United States
140 135 379	LAKE GEORGE WIND FARM DEVELOPMENTS PTY LTD	Australia
559169-5928	Lake Wind AB	Sweden
08763016	Lakehouse Mortgages Limited	United Kingdom
617 886 567	LAL LAL WIND FARMS ASSET CO PTY LIMITED	Australia
	Lal Lal Wind Farms Asset Trust	Australia
	Lal Lal Wind Farms Hold Trust	Australia
617 788 217	LAL LAL WIND FARMS HOLDINGS PTY LIMITED	Australia
615861259	LAL LAL WIND FARMS PTY LIMITED	Australia
	LAWRENCE COUNTY SOLAR PROJECT, LLC	United States
	Laxman Beach LLC	United States
	Liberty Green Renewables Indiana, LLC	United States
20-2937206	Lien Data Services, LLC	United States
HRB80214	Lightning Bolt Germany GmbH (in liquidation)	Germany
0106-01-045144	LOHAS ECE BROWN K.K.	Japan
	Lonesome Camp Solar Project, LLC	United States
	Long Beach Airport Hangar Owner LLC	United States
	LONGNECKER SOLAR PROJECT, LLC	United States
B88238449	Loto Solar PV, S.L.	Spain
	Lunis Creek Solar Project II, LLC	United States
	LUNIS CREEK SOLAR PROJECT, LLC	United States
	M Acquisition Company IV Corporation	United States
	M Acquisition Company V Corporation	United States
	M Acquisition Company VI Corporation	United States
	M Acquisition Company VII Corporation	United States
	M Acquisition IV Sponsor, LLC	United States
	M Acquisition V Sponsor, LLC	United States
	M Acquisition VI Sponsor, LLC	United States
	M Acquisition VII Sponsor, LLC	United States
	MAC FUND ONE TRUST	Australia
	MACON COUNTY SOLAR PROJECT, LLC	United States
	MACON PARKWAY SOLAR PROJECT, LLC	United States
198500776M	MACQUARIE (ASIA) PTE LTD.	Singapore
27230949	MACQUARIE (ASIA) PTE LTD. TAIWAN BRANCH	Taiwan
51983	Macquarie (Bermuda) Limited	Bermuda
132 864 950	MACQUARIE (CIS) HOLDINGS PTY LTD	Australia
200228	MACQUARIE (HK) FINANCIAL SERVICES LIMITED	Hong Kong
0100-01-068766	MACQUARIE (JAPAN) LIMITED	Japan
SC280388	Macquarie (Scotland) GP Limited	United Kingdom
06287793	Macquarie (UK) Group Services Limited	United Kingdom
46-3119820	Macquarie Absolute Return Real Estate Fund (Master), Ltd.	Cayman Islands
008594885	MACQUARIE ACCEPTANCES PTY LIMITED	Australia
095180788	MACQUARIE ADMIN SERVICES PTY LIMITED	Australia
211745	Macquarie Advanced Investment Partners G.P. Ltd.	Cayman Islands
CS201900544	MACQUARIE ADVISORS (PHILIPPINES) INC.	Philippines
2003/014483/07	Macquarie Advisory and Capital Markets South Africa Proprietary Limited	South Africa
06863307	Macquarie Aerospace Investments Limited	United Kingdom
27-1564084	Macquarie Affiliated Managers (USA) Inc.	United States
26-2103542	Macquarie Affiliated Managers Holdings (USA) Inc.	United States
2000/001243/07	MACQUARIE AFRICA PROPRIETARY LIMITED	South Africa
122169368	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT LTD	Australia
611566217	MACQUARIE AGRICULTURAL FUNDS MANAGEMENT NO.2 PTY LIMITED	Australia
139 633 015	MACQUARIE AIRCRAFT LEASING HOLDINGS PTY LIMITED	Australia

139 654 407	MACQUARIE AIRCRAFT LEASING PTY LIMITED	Australia
130 643 319	MACQUARIE AIRCRAFT LEASING SERVICES (AUSTRALIA) PTY LTD	Australia
	MACQUARIE AIRCRAFT LEASING TRUST A	Australia
38946	Macquarie AirFinance Ltd.	Bermuda
905984	Macquarie AirFinance Ltd., Dublin Branch (De-registered 22/08/2019)	Ireland
26-2103542	Macquarie Allegiance Capital, LLC	United States
37-1740746	Macquarie Alpine Inc.	United States
103237181	MACQUARIE ALTERNATIVE ASSETS MANAGEMENT LIMITED	Australia
26-3816229	Macquarie Alternative Strategies	United States
617817893	Macquarie Amadeus Pty Limited	Australia
	Macquarie AMC Investment REIT LLC	United States
26-3769039	Macquarie America Holdings Inc.	United States
26-3771444	Macquarie America Services Inc.	United States
	Macquarie Americas Alpha Fund	Cayman Islands
	Macquarie Americas Alpha Master Fund	Cayman Islands
	Macquarie Americas Alpha US Feeder Fund	Cayman Islands
13-4184042	MACQUARIE AMERICAS CORP.	United States
124071414	MACQUARIE AMERICAS HOLDINGS PTY LTD	Australia
325180	Macquarie ASEAN Technology Investments Holdings GP Ltd.	Cayman Islands
201713780Z	Macquarie Asia Infrastructure Management 2 Pte. Limited	Singapore
289176	Macquarie Asia Infrastructure Management Limited	Cayman Islands
170076	Macquarie Asia Securities Limited	Hong Kong
313050	Macquarie Asia Specialized Asset Management I Limited	Cayman Islands
41-2183382	Macquarie Asset Advisers	United States
8253772	Macquarie Asset Finance Holdings Limited	United Kingdom
0100-01-107687	MACQUARIE ASSET FINANCE JAPAN LIMITED	Japan
57952C1/GBL	MACQUARIE ASSET FINANCE MAURITIUS LTD	Mauritius
064219601	MACQUARIE ASSET FINANCE PTY LIMITED	Australia
11670775	Macquarie Asset Holdings Limited	United Kingdom
134474712	MACQUARIE ASSET MANAGEMENT HOLDINGS PTY LIMITED	Australia
26-3263254	MACQUARIE ASSET MANAGEMENT INC.	United States
0100-01-156193	MACQUARIE ASSET MANAGEMENT JAPAN CO., LTD.	Japan
001263583	MACQUARIE ASSET MANAGEMENT PTY LIMITED	Australia
000736210	MACQUARIE AUSTRALIA PTY LIMITED	Australia
074453286	MACQUARIE AUSTRALIA SECURITIES PTY LIMITED	Australia
077595012	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 1 LIMITED	Australia
131476910	MACQUARIE AUSTRALIAN INFRASTRUCTURE MANAGEMENT 2 LIMITED	Australia
121836191	MACQUARIE AVENIR NO. 1 PTY LIMITED	Australia
121836235	MACQUARIE AVENIR NO. 2 PTY LIMITED	Australia
368589	Macquarie Aviation Capital Group Unlimited Company (in voluntary liquidation)	Ireland
124071432	MACQUARIE B.H. PTY LTD	Australia
06309906	Macquarie Bank International Limited	United Kingdom
HRB 189708	Macquarie Bank International Limited, Niederlassung Deutschland	Germany
FN 331748 s	Macquarie Bank International Limited, Vienna Branch	Austria
008583542	MACQUARIE BANK LIMITED	Australia
1045	Macquarie Bank Limited (DIFC Recognised Company)	United Arab Emirates
F18649	MACQUARIE BANK LIMITED (HONG KONG BRANCH)	Hong Kong
FC018220	Macquarie Bank Limited (London Branch)	United Kingdom
240-84-00025	MACQUARIE BANK LIMITED (SEOUL BRANCH) - In Liquidation	Korea, Republic of
N/A	Macquarie Bank Limited (Zurich Rep Office)	Switzerland
T11FC0018C	MACQUARIE BANK LIMITED SINGAPORE BRANCH	Singapore
R.P.M. 892390892	Macquarie Belgium TCG SPRL	Belgium
HRB 232767	Macquarie Beteiligungstreuhand GmbH	Germany
CNPJ03.516.449/0001	MACQUARIE BRASIL PARTICIPACOES LTDA	Brazil
109649292	MACQUARIE BUSINESS SOLUTIONS PTY LIMITED	Australia
	Macquarie CAF Finance Inc.	United States
	Macquarie CAF Funding II LLC	United States
	Macquarie CAF Funding III Inc.	United States
	Macquarie CAF Holdings Inc.	United States
	Macquarie CAF LLC	United States
	Macquarie CAF Management LLC	United States
13-4055193	Macquarie CAF RE Holdings, Inc.	United States
839742-2	Macquarie Canada MPIP GP Ltd.	Canada
839745-7	Macquarie Canada MPIP LP Ltd.	Canada
683412-4	Macquarie Canada Services Ltd.	Canada
6489800	Macquarie Canadian Investment Holdings Ltd.	Canada
123199548	MACQUARIE CAPITAL (AUSTRALIA) LIMITED	Australia
	Macquarie Capital (Chile) SpA	Chile
03704031	Macquarie Capital (Europe) Limited	United Kingdom
847 728 359	Macquarie Capital (Europe) Limited Paris Branch	France
34297902	Macquarie Capital (Europe) Limited, Amsterdam Branch	Netherlands
905963	Macquarie Capital (Europe) Limited, Dublin Branch	Ireland
N/A	Macquarie Capital (Europe) Limited, Geneva Representative Office	Switzerland
HRB 82506	Macquarie Capital (Europe) Limited, Niederlassung Deutschland	Germany
N/A	Macquarie Capital (Europe) Limited, Oficina de Representacion en Espana	Spain
634747	Macquarie Capital (Ireland) Designated Activity Company	Ireland

000042019788	Macquarie Capital (Ireland) Designated Activity Company, Amsterdam Branch	Netherlands
848 958 161 RCS Paris	Macquarie Capital (Ireland) Designated Activity Company, France Branch	France
HRB115258	Macquarie Capital (Ireland) Designated Activity Company, Niederlassung Deutschland	Germany
45.476.0/2019	Macquarie Capital (Ireland) Designated Activity Company, Sucursal En Espana	Spain
104-81-64533	MACQUARIE CAPITAL (KOREA) LIMITED	Korea, Republic of
1952567	MACQUARIE CAPITAL (NEW ZEALAND) LIMITED	New Zealand
199704430K	MACQUARIE CAPITAL (SINGAPORE) PTE. LIMITED	Singapore
98-0141094	MACQUARIE CAPITAL (USA) INC.	United States
002149053	Macquarie Capital Acquisitions (Canada) Ltd.	Canada
716740-7	Macquarie Capital Acquisitions (Canada) No.2 Ltd.	Canada
130 342 915	MACQUARIE CAPITAL ADVISERS CRE PTY LTD	Australia
137760822	MACQUARIE CAPITAL ARGENTINA PTY LTD	Australia
905313-1	Macquarie Capital Development Canada Ltd.	Canada
127829458	MACQUARIE CAPITAL FINANCE (AUSTRALIA) PTY LTD	Australia
133 664 632	MACQUARIE CAPITAL FINANCE HOLDINGS (AUSTRALIA) PTY LIMITED	Australia
110605724	MACQUARIE CAPITAL FUNDING (LP) PTY LIMITED	Australia
13-3789912	Macquarie Capital Funding LLC	United States
002149050	Macquarie Capital Holdings (Canada) Ltd.	Canada
43-2082900	Macquarie Capital Investment Management LLC	United States
135973	MACQUARIE CAPITAL LIMITED	Hong Kong
110-84-02227	MACQUARIE CAPITAL LIMITED (SEOUL BRANCH)	Korea, Republic of
89407381	Macquarie Capital Limited, Taiwan Securities Branch	Taiwan
565608	Macquarie Capital Markets Canada Ltd./Marchés Financiers Macquarie Canada Ltée.	Canada
1079073	Macquarie Capital Markets North America Ltd./Marchés Financiers Macquarie Amérique Du Nord Ltée.	Canada
	Macquarie Capital Partners, LLC	United States
803092-8	Macquarie Capital Principal Holdings Canada Ltd	Canada
U65920MH1995PTC090696	Macquarie Capital Securities (India) Private Limited	India
MC-134609	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED	Cayman Islands
0100-03-012063	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED (TOKYO BRANCH)	Japan
463469-W	MACQUARIE CAPITAL SECURITIES (MALAYSIA) SDN. BHD.	Malaysia
15184/2070C1/GBL	MACQUARIE CAPITAL SECURITIES (MAURITIUS) LIMITED	Mauritius
180496	Macquarie Capital Securities (Philippines) Inc.	Philippines
198702912C	MACQUARIE CAPITAL SECURITIES (SINGAPORE) PTE. LIMITED	Singapore
13-3789912	Macquarie Capital US Acquisitions LLC	United States
133 001 359	MACQUARIE CAPITAL WIND MANAGEMENT PTY LTD	Australia
169009	MACQUARIE CAYMAN HOLDINGS 2 CO.	Cayman Islands
168347	MACQUARIE CAYMAN HOLDINGS CO	Cayman Islands
081119477	MACQUARIE CGM TRADING PTY LIMITED	Australia
124022126	MACQUARIE CHEONGNA INVESTMENT PTY LTD	Australia
	Macquarie CMF LLC	United States
201016397N	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED	Singapore
SP.688/AsingP3A PDN.2/9/2010	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED, Indonesia Rep. Office (De-registered on 14/10/2019)	Indonesia
05259474	Macquarie Commodities (UK) Limited	United Kingdom
26-0555065	MACQUARIE COMMODITIES (USA) INC	United States
15.246.175/0001-50	Macquarie Commodities Brasil S/A	Brazil
06863247	Macquarie Commodities Factoring Holdings (UK) Limited	United Kingdom
20-5913559	MACQUARIE COMMODITIES FACTORING LLC	United States
05259503	Macquarie Commodities Finance (UK) Limited	United Kingdom
1049253-1	Macquarie Commodities Holding Canada Ltd.	Canada
20-5913559	MACQUARIE COMMODITIES HOLDINGS (USA) LLC	United States
633 247 935	MACQUARIE COMMODITIES PTY LIMITED	Australia
619688	Macquarie Commodities Trading (Ireland) Limited	Ireland
913100003017346652	MACQUARIE COMMODITIES TRADING (SHANGHAI) CO, LTD	China
91310000342091408Y	Macquarie Commodities Trading (Shanghai) Co, Ltd First Branch	China
201711753C	MACQUARIE COMMODITIES TRADING (SINGAPORE) PTE. LIMITED	Singapore
620092435	MACQUARIE COMMODITIES TRADING AUSTRALIA PTY LIMITED	Australia
199655	MACQUARIE COMMODITIES TRADING BAHAMAS LTD	Bahamas
1049254-0	Macquarie Commodities Trading Canada Ltd.	Canada
625 945 119	MACQUARIE COMMODITIES TRADING PTY LIMITED	Australia
CHE-490.254.918	Macquarie Commodities Trading SA	Switzerland
	Macquarie Commodities Trading US, LLC	United States
200813631K	MACQUARIE COMMODITY MARKETS (SINGAPORE) PTE. LIMITED	Singapore
	Macquarie Core Solar HoldCo, LLC	United States
4752472	Macquarie Corona Energy Holdings Limited	United Kingdom
611405	Macquarie Corporate (Hong Kong) Limited	Hong Kong
368580	Macquarie Corporate and Asset Finance (Ireland) Limited (in voluntary liquidation)	Ireland
7815862	Macquarie Corporate and Asset Finance 1 Limited	United Kingdom
8253764	Macquarie Corporate and Asset Finance 2 Limited	United Kingdom
006198910	MACQUARIE CORPORATE AND ASSET FINANCE LIMITED	Australia
26-3769367	MACQUARIE CORPORATE AND ASSET FUNDING INC.	United States
008606862	MACQUARIE CORPORATE FINANCE HOLDINGS PTY LIMITED	Australia

008595426	MACQUARIE CORPORATE FINANCE LIMITED	Australia
HRB52973	MACQUARIE CORPORATE FINANCE LIMITED NIEDERLASSUNG DEUTSCHLAND	Germany
0686899659	Macquarie Corporate Holdings Belgium NV	Belgium
125895	Macquarie Corporate Holdings Europe Limited	Jersey
096 705 109	MACQUARIE CORPORATE HOLDINGS PTY LIMITED	Australia
FC027878	Macquarie Corporate Holdings Pty Limited (UK Branch)	United Kingdom
123199253	MACQUARIE CORPORATE INTERNATIONAL HOLDINGS PTY LIMITED	Australia
20-1536178	MACQUARIE COTTON INTERNATIONAL INC.	United States
90-0797831	Macquarie Credit Investment Management Inc.	United States
266242	MACQUARIE CREDIT NEXUS FUND LIMITED	Cayman Islands
266243	MACQUARIE CREDIT NEXUS MASTER FUND LIMITED	Cayman Islands
27-2279644	Macquarie Crop Partners GP, LLC	United States
132821580	MACQUARIE DELTA1 FINANCE SERVICES PTY LIMITED	Australia
29318190	Macquarie Denmark Limited A/S in Voluntary Liquidation as from 09/08/2019	Denmark
102607616	MACQUARIE DEVELOPMENT CAPITAL II PTY LIMITED	Australia
008607083	MACQUARIE DIRECT INVESTMENT PTY LIMITED	Australia
20.3.0.31.542-6	Macquarie Distribution Finance Ltd.	Switzerland
114099795	MACQUARIE DIVERSIFIED ASSET ADVISORY PTY LIMITED	Australia
094631964	MACQUARIE EASTERN TRADING PTY LIMITED	Australia
54-2077555	MACQUARIE ELECTRONICS USA INC	United States
200408424K	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED	Singapore
F18440	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED (HONG KONG BRANCH)	Hong Kong
143365673	Macquarie Emerging Markets Investments Pty Ltd	Australia
127185719	MACQUARIE EMG HOLDINGS PTY LIMITED	Australia
22.084.882/0001-53	Macquarie Energja Brasil Comercializadora Ltda.	Brazil
CNPJ 19.641.624/0001-16	Macquarie Energja Brasil Ltda.	Brazil
6643795	Macquarie Energy Canada Ltd.	Canada
122300592	MACQUARIE ENERGY HOLDINGS PTY LTD	Australia
TDP 09.03.6.73.02806	MACQUARIE ENERGY HOLDINGS PTY LTD, Indonesia Foreign Trade Representative Office	Indonesia
8253776	Macquarie Energy Leasing Limited	United Kingdom
93-1043421	Macquarie Energy LLC	United States
MGS141223CE7	Macquarie Energy Mexico, S. de R.L. de C.V.	Mexico
20-3690322	Macquarie Energy North America Investments, LLC	United States
20-3690322	MACQUARIE ENERGY NORTH AMERICA TRADING INC.	United States
	Macquarie Energy Partners GP LLC	United States
	Macquarie Energy Partners Inc.	United States
	Macquarie Energy Partners, L.P.	United States
631 067 224	MACQUARIE ENERGY SERVICES PTY LIMITED	Australia
	Macquarie Energy Trading LLC	United States
	Macquarie Equipment Capital Inc.	United States
935411-5	Macquarie Equipment Finance (Canada) Limited	Canada
421234	Macquarie Equipment Finance Designated Activity Company	Ireland
2017/387403/10	Macquarie Equipment Finance Designated Activity Company (Registered as an external Company in South Africa)	South Africa
262381	MACQUARIE EQUIPMENT FINANCE LIMITED	New Zealand
605377-7	Macquarie Equipment Finance Ltd./Macquarie Financement d'Équipement Ltée.	Canada
FN 520974 p	Macquarie Equipment Finance Service Limited, Vienna Branch	Austria
475730	Macquarie Equipment Finance Services Limited	Ireland
468487	Macquarie Equipment Funding Limited	Ireland
459515-H	MACQUARIE EQUIPMENT LEASING SDN. BHD.	Malaysia
112079268	MACQUARIE EQUIPMENT RENTALS PTY LIMITED	Australia
063906392	MACQUARIE EQUITIES (US) HOLDINGS PTY. LIMITED	Australia
002574923	MACQUARIE EQUITIES LIMITED	Australia
001374572	MACQUARIE EQUITY CAPITAL MARKETS PTY LIMITED	Australia
91110111MA01AGJ4XC	Macquarie Equity Investment Management (Beijing) Co., Ltd.	China
7713808	Macquarie Euro Limited	United Kingdom
114801464	MACQUARIE EUROPEAN FINANCIAL INVESTMENTS PTY LTD	Australia
078771123	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED	Australia
F15820	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED (HONG KONG	Hong Kong
06146573	Macquarie European Investment Holdings Limited	United Kingdom
HRB 82991	Macquarie European Rail GmbH	Germany
078223382	MACQUARIE EUROPEAN RAIL HOLDINGS PTY LIMITED	Australia
8253782	Macquarie European Rail Limited	United Kingdom
B172.199	Macquarie European Rail Limited (Luxembourg Branch)	Luxembourg
	Macquarie Executive Holdings LLC	United States
122169304	MACQUARIE FARM SERVICES PTY LIMITED	Australia
13-3789912	Macquarie Fastracks Holdings LLC	United States
26-2864605	Macquarie FG Holdings Inc.	United States
6855383	Macquarie FICC (UK) Limited	United Kingdom
	Macquarie FICC Holdings USA Inc.	United States
132 573 436	MACQUARIE FIEX INVESTMENT PTY LIMITED	Australia
U65999MH2009PTC190863	MACQUARIE FINANCE (INDIA) PRIVATE LIMITED	India
118817440	MACQUARIE FINANCE HOLDINGS LIMITED	Australia

106-81-94256	MACQUARIE FINANCE KOREA CO., LTD.	Korea, Republic of
001214964	MACQUARIE FINANCE LIMITED	Australia
13-3789912	Macquarie Financial Holdings (USA) LLC	United States
124071398	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED	Australia
F15819	MACQUARIE FINANCIAL HOLDINGS PTY LIMITED (HONG KONG BRANCH)	Hong Kong
095135694	MACQUARIE FINANCIAL PRODUCTS MANAGEMENT LIMITED	Australia
200800950C	MACQUARIE FINANCIAL SERVICES (ASIA) PTE. LIMITED (in liquidation wef 29 Sep 2015)	Singapore
128948498	MACQUARIE FINANCIAL SERVICES HOLDINGS PTY LIMITED	Australia
2007/030612/07	Macquarie Financial Trustees Proprietary Limited (In De-registration)	South Africa
HRB 98935	Macquarie Fonds GmbH	Germany
HRB 99628	Macquarie Fondsmanagement GmbH	Germany
093752946	MACQUARIE FORESTRY SERVICES PTY LIMITED	Australia
52230658	Macquarie Formosa 1 Co., Ltd.	Taiwan
55667289	Macquarie Formosa Solar Co., Ltd.	Taiwan
481 104 479 R.C.S. Paris	Macquarie France SARL	France
127735960	MACQUARIE FUND ADVISERS PTY LIMITED	Australia
3UMP7T.99999.SL.442	Macquarie Fund Solutions- Emerging Markets Small Cap Fund	Luxembourg
1137277-7	Macquarie Funding 5 Ltd.	Canada
1137278-5	Macquarie Funding 6 Ltd.	Canada
657826-8	Macquarie Funding Holdings Canada Ltd.	Canada
20-5913559	MACQUARIE FUNDING HOLDINGS LLC	United States
6581935	Macquarie Funding Inc.	Canada
LP00000352	MACQUARIE FUNDING LIMITED PARTNERSHIP	Australia
	Macquarie Funding LLC	United States
	Macquarie Funding USA Inc.	United States
	Macquarie Fundo De Investimento Multimercado Crédito Privado Investimento No Exterior	Brazil
093177407	MACQUARIE FUNDS MANAGEMENT HOLDINGS PTY LIMITED	Australia
724745	MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Hong Kong
201715715W	MACQUARIE FUTURES (SINGAPORE) PTE. LIMITED	Singapore
20-4193486	Macquarie Futures USA LLC	United States
137072112	MACQUARIE FX INVESTMENTS PTY LTD	Australia
128219330	MACQUARIE GCUH HOLDINGS PTY LIMITED	Australia
HRB 82733	Macquarie Germany Holdings GmbH	Germany
B233927	Macquarie GIG Renewable Energy Fund 2 SCSP	Luxembourg
091487384	Macquarie Global Bond Fund	Australia
068897C1/GBL	MACQUARIE GLOBAL FINANCE SERVICES (MAURITIUS) LIMITED	Mauritius
05259497	Macquarie Global Investments (UK) Limited	United Kingdom
3UMP7T.99999.SL.442	Macquarie Global Multi Asset Income Fund (SICAV)	Luxembourg
194165	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS G.P. LTD	Cayman Islands
131661697	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS INVESTMENT PTY	Australia
20-8983535	Macquarie Global Opportunities Partners LLC	United States
	Macquarie Global Services (USA) LLC	United States
U93090DL2007FTC199006	MACQUARIE GLOBAL SERVICES PRIVATE LIMITED	India
	Macquarie Good Ventures Inc.	United States
05488013	Macquarie GP Limited	United Kingdom
05718600	Macquarie GP2 Limited	United Kingdom
1396768	Macquarie Greater China Infrastructure Advisory Limited	Hong Kong
WK-245599	Macquarie Greater China Infrastructure Management Limited	Cayman Islands
124071389	MACQUARIE GROUP (US) HOLDINGS NO.1 PTY LTD	Australia
122169279	MACQUARIE GROUP EMPLOYEE RETAINED EQUITY PLAN (MEREP Trust)	Australia
200412291W	MACQUARIE GROUP HOLDINGS (SINGAPORE) PTE. LIMITED	Singapore
06357992	Macquarie Group Holdings (UK) No.1 Limited	United Kingdom
06357999	Macquarie Group Holdings (UK) No.2 Limited	United Kingdom
1952566	MACQUARIE GROUP HOLDINGS NEW ZEALAND LIMITED	New Zealand
124071478	MACQUARIE GROUP HOLDINGS NO.3 PTY LTD	Australia
11670358	Macquarie Group Investments (UK) No.1 Limited	United Kingdom
07438584	Macquarie Group Investments (UK) No.2 Limited	United Kingdom
122169279	MACQUARIE GROUP LIMITED	Australia
CS201909201	MACQUARIE GROUP SERVICES (PHILIPPINES), INC.	Philippines
200703288K	MACQUARIE GROUP SERVICES (SINGAPORE) PTE. LIMITED	Singapore
116467031	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD	Australia
FC027877	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD (UK BRANCH)	United Kingdom
909027	Macquarie Group Services Australia PTY LTD, Ireland Branch	Ireland
609449149	MACQUARIE GROUP TREASURY PTY LTD	Australia
728003-3	Macquarie Holdings (Canada) Ltd	Canada
388232	Macquarie Holdings (Mexico), S.A. DE C.V.	Mexico
200703280D	MACQUARIE HOLDINGS (SINGAPORE) PTE. LTD.	Singapore
13-3789912	MACQUARIE HOLDINGS (U.S.A.) INC.	United States
06309919	Macquarie Holdings (UK) No.1 Limited	United Kingdom
201714295K	MACQUARIE HOLDINGS 2 (SINGAPORE) PTE. LIMITED	Singapore
2006/000891/07	Macquarie Holdings South Africa Proprietary Limited	South Africa
MC-199805	Macquarie Hong Kong Finance Limited	Cayman Islands
F15963	Macquarie Hong Kong Finance Limited (Hong Kong Branch)	Hong Kong
133001751	MACQUARIE I A RETURNS PTY LIMITED	Australia

36-4307649	MACQUARIE INC	United States
58341C1/GBL	MACQUARIE INDIA HOLDINGS LIMITED	Mauritius
200823500E	MACQUARIE INDIA INFRASTRUCTURE MANAGEMENT HOLDINGS PTE. LIMITED	Singapore
C41803	MACQUARIE INDUSTRIAL INVESTMENTS MALTA LIMITED	Malta
CS201221372	MACQUARIE INFRASTRUCTURE ADVISORY (PHILIPPINES) INC.	Philippines
03976881	Macquarie Infrastructure and Real Assets (Europe) Limited	United Kingdom
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited (Spain)	Spain
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited, (Germany)	Germany
CL1804	Macquarie Infrastructure and Real Assets (Europe) Limited, DIFC Representative Office	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
084 32 112	Macquarie Infrastructure and Real Assets (Europe) Limited, Prague branch	Czech Republic
623285	Macquarie Infrastructure and Real Assets (Hong Kong) Limited	Hong Kong
U67190MH2013PTC241809	Macquarie Infrastructure and Real Assets (India) Private Limited	India
784370-4	Macquarie Infrastructure and Real Assets (Sales) Canada Ltd	Canada
200513362E	MACQUARIE INFRASTRUCTURE AND REAL ASSETS (SINGAPORE) PTE. LIMITED	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMITED	Australia
20-8983572	Macquarie Infrastructure and Real Assets Inc.	United States
B 209.047	Macquarie Infrastructure and Real Assets Investments (Luxembourg) S.à r.l.	Luxembourg
10290869	Macquarie Infrastructure and Real Assets Investments 3 Limited	United Kingdom
8248121	Macquarie Infrastructure and Real Assets Investments Limited	United Kingdom
B233.546	Macquarie Infrastructure and Real Assets Luxembourg S.à r.l.	Luxembourg
401814	Macquarie Infrastructure and Real Assets México, S.A. de C.V.	Mexico
084828437	MACQUARIE INFRASTRUCTURE AND REAL ASSETS PTY LIMITED	Australia
B138295	Macquarie Infrastructure and Real Assets S.à r.l.	Luxembourg
	Macquarie Infrastructure Developments LLC	United States
074311390	MACQUARIE INFRASTRUCTURE FUNDS MANAGEMENT PTY LIMITED	Australia
5755862	Macquarie Infrastructure GP Limited	United Kingdom
WK-228075	MACQUARIE INFRASTRUCTURE LIMITED	Cayman Islands
112772871	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED	Australia
T06FC6823A	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED - SINGAPORE BRANCH	Singapore
128212868	MACQUARIE INFRASTRUCTURE MANAGEMENT (AUSTRALIA) LIMITED	Australia
20-0643354	MACQUARIE INFRASTRUCTURE MANAGEMENT (USA) INC	United States
115524028	MACQUARIE INFRASTRUCTURE MANAGEMENT LIMITED	Australia
4339673	Macquarie Infrastructure Partners Canada GP Ltd.	Canada
	Macquarie Infrastructure Partners II GP LLC	United States
30-0777655	Macquarie Infrastructure Partners III GP LLC	United States
20-4166306	MACQUARIE INFRASTRUCTURE PARTNERS INC	United States
	Macquarie Infrastructure Partners IV GP LLC	United States
20-8983572	Macquarie Infrastructure Partners U.S. GP LLC	United States
	Macquarie Infrastructure Partners V GP, LLC	United States
	Macquarie Infrastructure Partners V, L.P.	United States
46726	Macquarie Infrastructure Philippines Limited	Bermuda
41533	MACQUARIE INFRASTRUCTURE REINSURANCE COMPANY LIMITED	Bermuda
330937	Macquarie Innovative Vision Fund Manager Limited	Cayman Islands
337957	Macquarie Innovative Vision Partners II Limited	Cayman Islands
330936	Macquarie Innovative Vision Partners Limited	Cayman Islands
200505701K	MACQUARIE INSURANCE (SINGAPORE) PTE. LTD.	Singapore
B231864	Macquarie Insurance Facility Luxembourg S.à r.l.	Luxembourg
092985263	MACQUARIE INTERNATIONAL FINANCE LIMITED	Australia
04125302	Macquarie International Holdings Limited	United Kingdom
91310000736671894N	MACQUARIE INTERNATIONAL HOUSING AND LAND CONSULTING (SHANGHAI) COMPANY LIMITED	China
108590996	MACQUARIE INTERNATIONAL INVESTMENTS PTY LIMITED	Australia
01802574	Macquarie International Limited	United Kingdom
F11422	MACQUARIE INTERNATIONAL LIMITED (HONG KONG BRANCH)	Hong Kong
169002	MACQUARIE INTERNATIONAL NEW YORK PARKING CO	Cayman Islands
502151	Macquarie International Services Limited	Hong Kong
04957256	Macquarie Internationale Investments Limited	United Kingdom
1660458	Macquarie Internet Investments Limited	Hong Kong
36631	MACQUARIE INVESTMENT (HONG KONG) LIMITED	Hong Kong
91110000765502969R	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD	China
91310000662467128L	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD (SHANGHAI BRANCH)	China
91310000MA1K31CL4R	Macquarie Investment Consulting (Shanghai) Co Ltd.	China
91310000MA1FR21D8P	Macquarie Investment Consulting (Shanghai) Co Ltd. (Shanghai Branch)	China
112017919	MACQUARIE INVESTMENT HOLDINGS NO.2 PTY LIMITED	Australia
122939600	MACQUARIE INVESTMENT HOLDINGS PTY LIMITED	Australia
41471	MACQUARIE INVESTMENT MANAGEMENT (BERMUDA) LIMITED	Bermuda
23-2859590	Macquarie Investment Management Advisers	United States
092552611	MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Australia

FN 171881 t	Macquarie Investment Management Austria Kapitalanlage AG	Austria
N/A	Macquarie Investment Management Business Trust	United States
09612439	Macquarie Investment Management Europe Limited	United Kingdom
MI - 2115687	Macquarie Investment Management Europe Limited (Italy Representative	Italy
HRB 235204	Macquarie Investment Management Europe Limited, Niederlassung München	Germany
HRB 250325	Macquarie Investment Management Europe S.A. (Germany Branch)	Germany
B62.793	Macquarie Investment Management Europe SA	Luxembourg
81-0842539	Macquarie Investment Management General Partner, Inc.	United States
086159060	MACQUARIE INVESTMENT MANAGEMENT GLOBAL LIMITED	Australia
FN 350922 m	Macquarie Investment Management Holdings (Austria) GmbH	Austria
B222865	Macquarie Investment Management Holdings (Luxembourg) S.à r.l.	Luxembourg
604 942 127	MACQUARIE INVESTMENT MANAGEMENT HOLDINGS PTY LIMITED	Australia
116-81-22180	MACQUARIE INVESTMENT MANAGEMENT KOREA CO., LTD.	Korea, Republic of
002867003	MACQUARIE INVESTMENT MANAGEMENT LTD	Australia
CHE-283.758.331	Macquarie Investment Management Switzerland GmbH	Switzerland
071745401	MACQUARIE INVESTMENT SERVICES LIMITED	Australia
WK-133809	MACQUARIE INVESTMENTS (SINGAPORE) LIMITED	Cayman Islands
04104671	Macquarie Investments (UK) Limited	United Kingdom
05582630	Macquarie Investments 1 Limited	United Kingdom
05708696	Macquarie Investments 2 Limited	United Kingdom
07012592	Macquarie Investments 3 Limited	United Kingdom
069416977	MACQUARIE INVESTMENTS AUSTRALIA PTY LIMITED	Australia
HRB 74953	Macquarie Investments Deutschland GmbH	Germany
2009/012283/07	Macquarie Investments Proprietary Limited	South Africa
45-2856257	Macquarie Investments US Inc.	United States
119211433	MACQUARIE INVESTORS PTY LTD	Australia
107147222	MACQUARIE JAPAN INFRASTRUCTURE NO.1 PTY LIMITED	Australia
107147188	MACQUARIE JAPAN INFRASTRUCTURE NO.2 PTY LIMITED	Australia
117560282	MACQUARIE JAPAN INFRASTRUCTURE NO.3 PTY LIMITED	Australia
117560415	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED	Australia
0100-03-012591	MACQUARIE JAPAN INFRASTRUCTURE NO.4 PTY LIMITED (JAPAN BRANCH) (DEREGISTERED on 09./10/2019)	Japan
LP16087	Macquarie Juweel Investor LP	United Kingdom
104-81-76330	MACQUARIE KOREA ASSET MANAGEMENT CO., LTD.	Korea, Republic of
104-81-95716	MACQUARIE KOREA OPPORTUNITIES MANAGEMENT, LTD.	Korea, Republic of
110356968	MACQUARIE LAH PTY LIMITED	Australia
91110000717864826D	MACQUARIE LEASING (CHINA) CO LIMITED	China
02997799	Macquarie Leasing (UK) Limited	United Kingdom
05867292	Macquarie Leasing Limited	United Kingdom
20-3609362	Macquarie Leasing LLC	United States
002675032	MACQUARIE LEASING NSW PTY LTD	Australia
002674982	MACQUARIE LEASING PTY LTD	Australia
OC363068	Macquarie Lending & Investment Partners LLP	United Kingdom
003963773	MACQUARIE LIFE LIMITED	Australia
HRB 74075	Macquarie Management GmbH	Germany
23-2693133	Macquarie Management Holdings, Inc.	United States
090 079 413	MACQUARIE MASTER SMALL COMPANIES FUND	Australia
51142C1/GBL	MACQUARIE MAURITIUS INVESTMENTS LIMITED	Mauritius
133000987	MACQUARIE MDW INVESTMENTS PTY LTD	Australia
616 486 974	MACQUARIE MEREENIE PTY LTD	Australia
639997-5	Macquarie Metals and Energy Capital (Canada) Ltd.	Canada
04920378	Macquarie Meters 2 (UK) Limited	United Kingdom
07361419	Macquarie Meters 3 (UK) Limited	United Kingdom
1344888	Macquarie Meters 4 Limited	Hong Kong
9794737	Macquarie Meters 5 (UK) Limited	United Kingdom
397181	MACQUARIE MEXICO INFRASTRUCTURE MANAGEMENT, S.A. DE C.V.	Mexico
477795	Macquarie Mexico Real Estate Management, S.A. de C.V.	Mexico
095180564	MACQUARIE MIDDLE EAST HOLDINGS PTY LIMITED	Australia
616 486 983	MACQUARIE MINING AND ENERGY INVESTMENTS PTY LIMITED	Australia
130225222	MACQUARIE MIRA FUND INVESTMENTS PTY LTD	Australia
120070788	MACQUARIE MORTGAGES CANADA HOLDINGS PTY LIMITED	Australia
057760175	MACQUARIE MORTGAGES PTY LIMITED	Australia
22-3840451	MACQUARIE MORTGAGES USA INC	United States
200404077D	MACQUARIE NE HOLDINGS (SINGAPORE) PTE. LIMITED (in liquidation wef 28/11/2016)	Singapore
6798497	Macquarie New World Gaming Canada Ltd.	Canada
N/A	Macquarie New World Gaming Partnership	Canada
	Macquarie NG-KIH Holdings, LLC	United States
3481018	Macquarie North America Ltd.	Canada
	Macquarie Northeast Property II Inc.	United States
129 961 986	Macquarie NRAS Trust	Australia
	Macquarie Nufang US LLC	United States
008595711	MACQUARIE NZ HOLDINGS PTY LIMITED	Australia
129 590 576	MACQUARIE OFFSHORE SERVICES PTY LTD	Australia
FS200805155	Macquarie Offshore Services Pty Ltd - Philippine Branch	Philippines
20-5426915	MACQUARIE OIL AND GAS HOLDINGS INC	United States

OF2150	MACQUARIE ONE LIMITED	United Arab Emirates
26-4389305	Macquarie Opportunities Inc.	United States
002934705	MACQUARIE OPTIONS PTY. LIMITED	Australia
115251619	MACQUARIE PAYMENTS INFRASTRUCTURE HOLDINGS PTY LIMITED	Australia
	Macquarie PF II LLC	United States
	Macquarie PF Inc.	United States
	Macquarie PF LLC	United States
09995266	Macquarie Physical Commodities UK Limited	United Kingdom
83-2987158	Macquarie Physical Commodities, LLC	United States
45-1622999	Macquarie Physical Metals (USA) Inc.	United States
201842473W	MACQUARIE PRINCIPAL FINANCE ASIA PTE. LIMITED	Singapore
629759600	MACQUARIE PRINCIPAL FINANCE PTY LIMITED	Australia
FC035740	Macquarie Principal Finance Pty Limited, UK Branch	United Kingdom
11667655	Macquarie Principal Finance UK Limited	United Kingdom
112561501	MACQUARIE PRINCIPAL PTY LIMITED	Australia
082038328	MACQUARIE PRISM PTY LIMITED	Australia
	Macquarie Private Debt Asset Management, LLC	United States
590627	Macquarie Private Debt Europe Limited	Ireland
089987388	Macquarie Private Portfolio Management Pty Limited	Australia
625128	Macquarie Products (Ireland) Limited	Ireland
601831467	Macquarie Professional Series Global Equity Fund	Australia
2292323	Macquarie Projects Limited	Hong Kong
064904169	MACQUARIE PROPERTY (OBU) PTY LIMITED	Australia
142 083 092	MACQUARIE RADAR HOLDINGS PTY LIMITED	Australia
730170-7	Macquarie Rail Canada Limited	Canada
27-2437046	Macquarie Real Estate Absolute Return Partners, Inc.	United States
26-3872414	MACQUARIE REAL ESTATE ADVISORY SERVICES LLC	United States
82-2058238	Macquarie Real Estate Funds Management Inc.	United States
624 520 556	MACQUARIE REAL ESTATE INVESTMENT HOLDING (ASIA PACIFIC) PTY LIMITED	Australia
625995324	MACQUARIE REAL ESTATE INVESTMENT HOLDING (AUSTRALIA) PTY LIMITED	Australia
	Macquarie Real Estate Investments Holdings (North America), Inc.	United States
HE 291792	Macquarie Renaissance Corporate Finance Holdings Limited	Cyprus
616987949	MACQUARIE RENEWABLE ENERGY HOLDINGS PTY LIMITED	Australia
26-1386300	MACQUARIE RENEWABLE ENERGY INC	United States
	Macquarie Renewables Asset Trust	Australia
	Macquarie Renewables Project Trust	Australia
672846-4	Macquarie Resource Capital Canada Ltd.	Canada
07055620	Macquarie Restorations Limited	United Kingdom
998584	Macquarie Retail Management (Asia) Limited	Hong Kong
1273174	MACQUARIE RETAIL REAL ESTATE MANAGEMENT LIMITED	Hong Kong
	Macquarie Rotorcraft Holdings LLC	United States
535266	Macquarie Rotorcraft Leasing (Ireland) Limited	Ireland
639147	MACQUARIE ROTORCRAFT LEASING GROUP LIMITED (in voluntary strike	Ireland
11697950	Macquarie Rotorcraft Leasing Holdings Limited	United Kingdom
2789711	Macquarie Rotorcraft Leasing Services (Hong Kong) Limited	Hong Kong
640740	Macquarie Rotorcraft Leasing Services (Ireland) Limited	Ireland
11744005	Macquarie Rotorcraft Leasing Services (UK) Limited	United Kingdom
2019/234469/10	Macquarie Rotorcraft Leasing Services (UK) Limited (Registered as an external Company in South Africa)	South Africa
46-3045888	Macquarie Rotorcraft Leasing, Inc.	United States
604949144	MACQUARIE SCT PTY LIMITED	Australia
002832126	MACQUARIE SECURITIES (AUSTRALIA) LIMITED	Australia
9131000066438035XT	MACQUARIE SECURITIES (AUSTRALIA) LIMITED SHANGHAI REPRESENTATIVE OFFICE	China
1748511	MACQUARIE SECURITIES (NZ) LIMITED	New Zealand
0105539119915	MACQUARIE SECURITIES (THAILAND) LIMITED	Thailand
728007-6	Macquarie Securities Financing Ltd (Canada)	Canada
104-81-99444	MACQUARIE SECURITIES KOREA LIMITED	Korea, Republic of
003435443	MACQUARIE SECURITIES MANAGEMENT PTY LIMITED	Australia
2006/023546/06	MACQUARIE SECURITIES SOUTH AFRICA LIMITED	South Africa
641342	MACQUARIE SECURITISATION (HONG KONG) LIMITED	Hong Kong
075289002	MACQUARIE SECURITISATION (OBU) PTY LIMITED	Australia
003297336	MACQUARIE SECURITISATION LIMITED	Australia
44	Macquarie Septa (Guernsey), LLP	Guernsey
LP016856	Macquarie Septa (UK) I, LP	United Kingdom
LP016857	Macquarie Septa (UK) II, LP	United Kingdom
	Macquarie Septa (US) I, LLC	United States
	Macquarie Septa Aero, LLC	United States
496224	MACQUARIE SERVICES (HONG KONG) LIMITED	Hong Kong
388231	MACQUARIE SERVICES (MEXICO), S.A. de C.V.	Mexico
27-3610899	Macquarie Services (USA) LLC	United States
608 027 667	MACQUARIE SERVICES PARTNERSHIP PTY LIMITED	Australia
CHE-147.179.326	Macquarie Services SA	Switzerland
17733	Macquarie Servicios Electricos de Mexico S. de R.L de C.V.	Mexico

11.988.470/001-21	Macquarie Servicios Agrícolas Limitada	Brazil
45-4703789	Macquarie Sierra Investment Holdings Inc.	United States
116582524	MACQUARIE SPECIALISED ACCOMMODATION SOLUTIONS PTY LIMITED	Australia
EC#39329	MACQUARIE SPECIALISED ASSET MANAGEMENT (BERMUDA) LIMITED	Bermuda
075295608	MACQUARIE SPECIALISED ASSET MANAGEMENT 2 LIMITED	Australia
087382965	MACQUARIE SPECIALISED ASSET MANAGEMENT LTD	Australia
10325961	Macquarie Specialised Investment Solutions Limited	United Kingdom
125 574 389	MACQUARIE SPECIALIST INVESTMENTS LENDING LIMITED	Australia
46-2151809	Macquarie Storage Investments Inc.	United States
	Macquarie Strategic Funding Holdings Inc.	United States
086587635	MACQUARIE STRUCTURED AND SPECIALIST INVESTMENTS HOLDINGS PTY LIMITED	Australia
HRB 87430	Macquarie Structured Products (Europe) GmbH - In Liquidation	Germany
2009/012427/10	Macquarie Structured Products (International) Limited (Registered as an external Company in South Africa)	South Africa
065747417	MACQUARIE STRUCTURED PRODUCTS (INTERNATIONAL) PTY LIMITED	Australia
489855	Macquarie Structured Securities (Europe) Public Limited Company	Ireland
008607038	MACQUARIE SWAN STREET PTY LIMITED	Australia
065309033	MACQUARIE SYNDICATION (NO.12) PTY LIMITED	Australia
080218846	MACQUARIE TECHNOLOGY INVESTMENTS PTY LIMITED	Australia
680639-2	Macquarie Technology Services (Canada) Ltd.	Canada
080472751	MACQUARIE TECHNOLOGY VENTURES PTY LTD	Australia
	Macquarie Texas Loan Holder LLC	United States
008606906	MACQUARIE THIRTY-THIRD AVIATION LEASING PTY. LIMITED	Australia
06863285	Macquarie Trade & Asset Finance International Limited	United Kingdom
20-5913622	Macquarie Trading Services Inc.	United States
11655793	Macquarie Transportation Finance Limited	United Kingdom
11172202	Macquarie Transportation Holdings Limited	United Kingdom
HRB 76979	Macquarie Treu Vermögen GmbH	Germany
2007/035961/07	Macquarie Trustees South Africa Proprietary Limited	South Africa
008607109	MACQUARIE TWENTIETH AVIATION LEASING PTY. LIMITED	Australia
02579363	Macquarie UK Holdings Limited	United Kingdom
05452920	Macquarie UK Passenger Leasing Limited	United Kingdom
46-1366111	Macquarie US Gas Supply LLC	United States
	Macquarie US MPIP GP LLC	United States
	Macquarie US MPIP LP LLC	United States
3UMP7T.99999.SL.442	Macquarie US Smaller Companies	Luxembourg
45-2856257	Macquarie US Trading LLC	United States
261723	MACQUARIE VEHICLES (NZ) LIMITED	New Zealand
2299526	Macquarie Ventures (Hong Kong) Limited	Hong Kong
HRB 99629	Macquarie Vermögenstreuhand GmbH	Germany
HRB 232580	Macquarie Verwaltungs GmbH	Germany
603 363 220	MACQUARIE WORSLEY HOLDINGS PTY LIMITED	Australia
213181	Macquarie Zhaopin Holdings Limited	Cayman Islands
46-2716036	Macquarie-PowerFin Solar, LLC	United States
	MADISON COUNTY SOLAR PROJECT, LLC	United States
	MADISON FIELDS SOLAR PROJECT, LLC	United States
619 573 643	MAFCA INVESTMENTS PTY LIMITED	Australia
B-88238456	Magnolia Solar PV, S.L.	Spain
B 215.119	MAIF 2 Luxembourg GP S.à r.l.	Luxembourg
B 222.868	MAIF2 Executives SCSp	Luxembourg
B88238464	Manzano Solar PV, S.L.	Spain
	MAP HOLDING TRUST	Australia
	MARENGO STARR SOLAR PROJECT, LLC	United States
	MARION COUNTY SOLAR PROJECT, LLC	United States
	MARK CENTER SOLAR PROJECT, LLC	United States
	MARQUETTE COUNTY SOLAR PROJECT, LLC	United States
	Martin County Solar Project, LLC	United States
2006/000899/07	Mazi Macquarie Securities (RF) Proprietary Limited	South Africa
634817	MBE Operating Company Designated Activity Company	Ireland
848 958 278	MBE Operating Company Designated Activity Company France Branch	France
	MBL COVERED BOND TRUST	Australia
363941	MC Capital Group Unlimited Company (in voluntary liquidation)	Ireland
146 752 329	MC EDUCATION HOLDINGS PTY LTD	Australia
	MCHENRY COUNTY SOLAR PROJECT, LLC	United States
26-1386300	MCP Solar Assets Partners I LLC	United States
26-2282798	MCP Solar Assets Partners II LLC	United States
90-1003550	MD - PTH, LLC	United States
	Meadowlark Depositor LLC	United States
	Medical Science & Computing, LLC	United States
	Medical Student Loan Trust	United States
04866246	MEIF (UK) Limited	United Kingdom
SL29421	MEIF 5 Executives LP	United Kingdom
61582	MEIF 5 Guernsey GP Limited	Guernsey
B 205.045	MEIF 5 Luxembourg GP S.à r.l.	Luxembourg
LP19597	MEIF 5 MA LP	United Kingdom

B 230.098	MEIF 6 Executives SCSp	Luxembourg
B224086	MEIF 6 Luxembourg GP S.à r.l.	Luxembourg
132 468 734	MELRO HOLDCO PTY LIMITED	Australia
	MEP California Energy Holdings, LLC	United States
	MEP California Energy, LLC	United States
	MERCER COUNTY II SOLAR PROJECT, LLC	United States
	MERCER COUNTY III SOLAR PROJECT, LLC	United States
	MERCER COUNTY SOLAR PROJECT, LLC	United States
61686	MGIDF Guernsey GP Limited	Guernsey
200708397H	MGJ HOLDINGS PTE. LIMITED (in liquidation wef 17 Sep 2019)	Singapore
20-8983572	MGOP Feeder I GP LLC	United States
09299753	MGREF 1 GP Limited	United Kingdom
129822	MGREF 2 Ali Gym Holdings Limited	Jersey
12194432	MGREF 2 Ali Gym Investments Limited	United Kingdom
12194486	MGREF 2 Ali Gym Limited	United Kingdom
B233863	MGREF 2 Luxembourg GP S.à r.l.	Luxembourg
58972	MIDF UK1 GUERNSEY GP LIMITED	Guernsey
7	MIDF UK1 LLP	Guernsey
59027	MIDF UK1B GUERNSEY GP LIMITED	Guernsey
61687	MIDF UK2 Guernsey GP Limited	Guernsey
	MIDLAND-WIREGRASS SOLAR PROJECT, LLC	United States
10140440	MIF Holdings Limited	United Kingdom
20-8723490	MIF US Investment Holdings LLC	United States
20-8879012	MIF US INVESTMENT PARTNERSHIP	United States
	MIGS (ECI) GP, LLC	United States
	MIGS II (ECI) GP, LLC	United States
	MIHI Boxwood Sponsor, LLC	United States
13-3789912	MIHI LLC	United States
38-3938360	MIP III (ECI) GP LLC	United States
	MIP III Tigerfish (Canada) GP LLC	United States
	MIP IV (Canada) GP, LLC	United States
	MIP IV (ECI) Australian Executives, G.P.	United States
	MIP IV (ECI) Carry, L.P.	United States
	MIP IV (ECI) Executives, L.P.	United States
	MIP IV (ECI) Global Executives, L.P.	United States
	MIP IV (ECI) GP, LLC	United States
	MIP IV Executives, L.P.	United States
B 213.745	MIP IV Luxembourg GP S.à r.l.	Luxembourg
	MIRA Americas, Inc.	United States
HRB 212106	MIRA Beteiligungs GmbH	Germany
	MIRA Infrastructure Global Solution GP LLC	United States
	MIRA Infrastructure Global Solution II GP, LLC	United States
62697	MIRA UK Gas Holdings GP Limited	Guernsey
11392304	Mitochon Limited	United Kingdom
82-3000316	MLH 650 Oakdale, LLC	United States
82-3448347	MLH Bluff Road Holdings, LLC	United States
	MLH Bluff Road Lot 3, LLC	United States
82-4149757	MLH Logistics DevCo, LLC	United States
82-2986892	MLH Logistics Holdings, LLC	United States
82-3012398	MLH Oakdale Holdings, LLC	United States
0100-03-029578	MM PV G.K.	Japan
20-5336393	Moonstone Lien Investments, LLC	United States
10480217	Moorgate PL Holdings Limited	United Kingdom
	MORRAL RUN SOLAR PROJECT, LLC	United States
08499211	MPF Nominees Limited	United Kingdom
7317376	MPF PARKING HOLDINGS NZ LIMITED	New Zealand
7320380	MPF PARKING NZ LIMITED	New Zealand
451722	MPFI INVESTMENTS LIMITED (in members' voluntary liquidation)	Ireland
061160558	MQ CAPITAL PTY LIMITED	Australia
600550	MQ PPP Investments Ireland GP Limited	Ireland
086438995	MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Australia
U51909MH2012FTC226545	MQG Commodities (India) Private Limited	India
	MQKOHLI-GP LLC	United States
	MQKOHLI-LP LLC	United States
	MRED Lending, LLC	United States
B 214.197	MSCIF Co-Invest SCSp	Luxembourg
B 214.067	MSCIF Luxembourg GP S.à r.l.	Luxembourg
B 216.782	MSCIF Sophisticated Staff Investors Feeder SCSp	Luxembourg
124335333	MTF HOLDINGS PTY LIMITED	Australia
	MUSCATINE COUNTY SOLAR PROJECT, LLC	United States
	MUSKEGON GREEN SOLAR PROJECT, LLC	United States
	NASSAU COUNTY ENERGY STORAGE II, LLC	United States
	NASSAU COUNTY ENERGY STORAGE III, LLC	United States
	NASSAU COUNTY ENERGY STORAGE, LLC	United States
10266050	NASU Energy Storage Limited	United Kingdom
08493354	NATIONAL CRADLE MAINTENANCE LIMITED	United Kingdom

201918662k	NETO HOLDINGS PTE. LIMITED	Singapore
90-0891597	New Jersey Boardwalk Lien Investments, LLC	United States
B132283	New World Gaming International S.a.r.l	Luxembourg
46-1504548	New York Crystal Swan, LLC	United States
	Newton Solar SPV I LLC	United States
	NewZoom Holdings LLC	United States
11868153	NieuweWind HoldCo Limited	United Kingdom
559132-1499	Nordic Renewable Power (Holdings) AB	Sweden
559176-0623	Nordic Renewable Power AB	Sweden
11909504	Nordic Renewable Power Holdings (UK) Limited	United Kingdom
	Northeast Property Owner LLC	United States
	Notar I-4 Tampa LP	United States
624 080 404	NU MOBILE PTY LIMITED	Australia
496300	Nuix Ireland Limited	Ireland
07945899	Nuix Technology UK Limited	United Kingdom
BC0883591	NWG Canada Investments Ltd.	Canada
157723441	NZ MORTGAGES PTY LTD	Australia
3791037	NZ MORTGAGES PTY LTD (Branch Office)	New Zealand
	OAK RIDGE SOLAR PROJECT, LLC	United States
278363	Odyssey Water GP Limited	Cayman Islands
305533	Odyssey Water GP Partners Ltd	Cayman Islands
27-4650575	OLF, LLC	United States
B88269352	Olivo New Energy S.L.	Spain
26-33383464	One Call Debt Help LLC	United States
131 233 719	OPEN BROADBAND AUSTRALIA PTY LTD	Australia
	OpenFiber Kentucky Company, LLC	United States
	ORANGEBURG COUNTY SOLAR PROJECT, LLC	United States
	ORANGEBURG SOUTH SOLAR PROJECT, LLC	United States
	ORANGEBURG WEST SOLAR PROJECT, LLC	United States
113519823	OT HOLDINGS PTY LIMITED	Australia
071982244	PACIFIC RIM OPERATIONS PTY LIMITED	Australia
26-1286651	PADUA MG HOLDINGS LLC	United States
	Painted Rock Solar Project II, LLC	United States
	PAINTED ROCK SOLAR PROJECT, LLC	United States
B-8828411	Paseta Servicios Empresariales, S.L.	Spain
628 898 153	PATHWAY INVESTMENTS AUSTRALIA PTY LIMITED	Australia
	PAYNE COUNTY SOLAR PROJECT, LLC	United States
66 531 917 920	PELICAN WAREHOUSE TRUST NO.1	Australia
11727301	Pentacom Investments (UK) HoldCo Limited	United Kingdom
10662364	Pentland SPV 1 Limited	United Kingdom
10662552	Pentland SPV 2 Limited	United Kingdom
	Permian Water Supply Company LLC	United States
752614982	Petro Tradelinks Inc.	United States
	PICKAWAY COUNTY II SOLAR PROJECT, LLC	United States
	PICKAWAY COUNTY SOLAR PROJECT, LLC	United States
	PICKFORD RANCH SOLAR PROJECT, LLC	United States
	PINE FLATS SOLAR PROJECT, LLC	United States
	Pipeline Rehabilitation No.4 Trust	Australia
12237015	Poland BidCo 1 Limited	United Kingdom
12023482	Poland Wind HoldCo Limited	United Kingdom
	PORT JEFFERSON ENERGY STORAGE, LLC	United States
529690	Poseidon InvestCo GP Ireland Limited	Ireland
11789931	PPP Irish Accommodation Limited	United Kingdom
603672975	PROPERTYIQ PTY LIMITED	Australia
606 466 675	PROPERTYIQ STRATA PTY LIMITED	Australia
03204173	PROTECTIS LIMITED	United Kingdom
09.03.1.05.73897	PT MACQUARIE COMMODITIES INDONESIA	Indonesia
09.03.1.67.21972	PT MACQUARIE SEKURITAS INDONESIA	Indonesia
08737754	PTSG LIMITED	United Kingdom
not registered	PUMA GLOBAL TRUST NO.6	Australia
064904212	PUMA MANAGEMENT PTY LIMITED	Australia
	PUMA MASTERFUND P-16	Australia
	PUMA MASTERFUND P-17	Australia
	PUMA Masterfund S-10	Australia
	PUMA MASTERFUND S-11	Australia
	PUMA Masterfund S-12	Australia
	PUMA Masterfund S-13	Australia
	PUMA MASTERFUND S-8	Australia
	PUMA Masterfund S-9	Australia
	PUMA SERIES 2014-1	Australia
	PUMA Series 2014-2	Australia
	PUMA Series 2014-3P	Australia
Not registered	PUMA Series 2014-4P	Australia
	PUMA Series 2015-1	Australia
	PUMA Series 2015-2P	Australia
	PUMA SERIES 2015-3	Australia

	PUMA SERIES 2015-5P	Australia
	PUMA Series 2017-1	Australia
	PUMA Series 2018-1	Australia
	PUMA Series 2019-1	Australia
	PUMA Series R Trust	Australia
	PUMA Series Trust 2013-1	Australia
	PUMA Series W Trust	Australia
	PUMA SUBFUND B-1	Australia
	QUOGUE ENERGY STORAGE, LLC	United States
	RANDOLPH COUNTY SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL II SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL III SOLAR PROJECT, LLC	United States
	RAYOS DEL SOL SOLAR PROJECT, LLC	United States
	RC Holdings I LLC	United States
	RC Holdings II LLC	United States
635198453	REAL ESTATE FINCO 1 PTY LIMITED	Australia
26-4167476	Regal Capital Advisors, LLC	United States
26-4203808	Regal Capital Group, LLC	United States
not registered	REGIONAL MEDIA TRUST	Australia
150 449 684	RELOAD WIND FARM PTY LTD	Australia
	RELOAD WIND FARM TRUST	Australia
200921086K	RESOURCE MARINE PTE. LIMITED	Singapore
FC029978	Resource Marine Pte. Limited (UK Establishment)	United Kingdom
23-2828161	Retirement Financial Services, Inc.	United States
114 594 080	REVERSE MORTGAGE SERVICES PTY LTD	Australia
	RICHLAND COUNTY SOLAR PROJECT, LLC	United States
630706	Rijn InvestCo PPP Ireland GP Limited	Ireland
126957	Rivera Energy, S.A.P.I. de C.V.	Mexico
MC-25427	ROC Asia Pacific Private Equity Offshore Fund, L.P.	Cayman Islands
10379378	Ropemaker RB Holdings Limited	United Kingdom
B88269329	Sabina Solar PV S.L.	Spain
	SAGUACHE COUNTY SOLAR PROJECT, LLC	United States
B88300579	Sauce New Energy, S.L.	Spain
	SAVION CHESAPEAKE SOLAR PROJECT, LLC	United States
	Savion, LLC	United States
622786	Scheldt Investco PPP Ireland GP Limited	Ireland
	SCIOTO FARMS SOLAR PROJECT, LLC	United States
	SE Health LLC	United States
	SE Health Member LLC	United States
	SE Health Trust	United States
201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
	SETAUKET ENERGY STORAGE, LLC	United States
622787	Shannon Investco PPP Ireland GP Limited	Ireland
	Shavuah Tov Realty LP	United States
	SHERBURNE COUNTY SOLAR PROJECT, LLC	United States
	SHERIDAN SOLAR PROJECT, LLC	United States
464139	Shichi Limited (in voluntary liquidation)	Ireland
0107-01-017912	SHOWA PLANNING K.K.	Japan
	Sierra-KBMP, LLC	United States
627 172 445	SKYLIGHT DEV CO PTY LIMITED	Australia
627 172 490	SKYLIGHT MID CO PTY LIMITED	Australia
	SKYLIGHT MID TRUST	Australia
627172543	SKYLIGHT PROJECT CO PTY LIMITED	Australia
	SKYLIGHT PROJECT TRUST	Australia
	SKYLIGHT RETAIL NORTH SUB TRUST	Australia
	SKYLIGHT RETAIL SOUTH SUB TRUST	Australia
627172589	SKYLIGHT RN PTY LIMITED	Australia
627 172 614	SKYLIGHT RN SPV PTY LIMITED	Australia
627172641	SKYLIGHT RS PTY LIMITED	Australia
627 172 721	SKYLIGHT RS SPV PTY LIMITED	Australia
	SKYLIGHT SOUTH TOWER SUB TRUST	Australia
627 172 776	SKYLIGHT ST PTY LIMITED	Australia
627 172 829	SKYLIGHT ST SPV PTY LIMITED	Australia
	SMART ABS Series 2015-3US Trust	Australia
	SMART ABS SERIES 2015-4E TRUST	Australia
	SMART ABS Series 2016-1 Trust	Australia
	SMART ABS Series 2016-2US Trust	Australia
	SMART ABS SERIES 2016-3 TRUST	Australia
	SMART ABS Series 2017-1 Trust	Australia
	SMART ABS Series 2017-2 Trust	Australia
	SMART ABS SERIES 2019-1 Trust	Australia
	SMART E Trust	Australia
	SMART O Warehouse Trust	Australia
	SMART S Warehouse Trust	Australia
	SMART Series R Trust	Australia
0100-03-023658	SOLAR FIELD 10 G.K.	Japan

B90336116	Solar-PV EXT 001 Sociedad Limitada	Spain
11788560	Sole Renewables Italy Limited	United Kingdom
11729534	Sole Renewables Limited	United Kingdom
12068057	Sonne (Italy) Holdings Limited	United Kingdom
11218550	Sonne Solar Limited	United Kingdom
80-0852389	South Carolina Sandy Tyger Investments, LLC	United States
	South Suffolk Energy Storage, LLC	United States
	SOUTHERN PLAINS SOLAR PROJECT, LLC	United States
	SOUTHWEST MICHIGAN SOLAR PROJECT, LLC	United States
	Specialty Finance Holdings, Inc.	United States
10707700968	SR Augusta S.R.L.	Italy
10707690961	SR Bari S.R.L.	Italy
10707680962	SR Project 1 S.R.L.	Italy
10707670963	SR Project 2 S.R.L.	Italy
10707660964	SR Project 3 S.R.L.	Italy
10706940961	SR Project 4 S.R.L.	Italy
10706920963	SR Project 5 S.R.L.	Italy
10706730966	SR San Giuseppe S.R.L.	Italy
10706720967	SR Taranto S.R.L.	Italy
10706710968	SR Torino S.R.L.	Italy
10706700969	SR Trapani S.R.L.	Italy
	ST. CLAIR COUNTY SOLAR PROJECT, LLC	United States
	STAMP BAINBRIDGE SOLAR PROJECT, LLC	United States
	STAMP HILLTOP SOLAR PROJECT, LLC	United States
10750040965	Stezzano 1 S.r.l.	Italy
34298324	Stichting Security Trustee E-MAC DE 2009-I	Netherlands
	SUFFOLK COUNTY ENERGY STORAGE II, LLC	United States
	SUFFOLK COUNTY ENERGY STORAGE, LLC	United States
	Summer Housing SDA Trust	Australia
	Summerset Holdings LLC	United States
	Summerset Intermediate Holdings 2 LLC	United States
	SUNFLOWER SKY SOLAR PROJECT, LLC	United States
	SUTHERLAND SOLAR PROJECT, LLC	United States
MC189033	SYNTHETIC ASSET FUNDING ENTITY 2 LIMITED	Cayman Islands
	TA Trust	Australia
26-1233254	TAURUS AEROSPACE GROUP INC.	United States
20-5474013	Tax Ease CA, LLC	United States
37-1750174	Tax Ease Company LLC	United States
20-2937172	Tax Ease Employee Services Company LLC	United States
75-3130882	Tax Ease Financial Services, LP	United States
41-2228674	Tax Ease FL REO, LLC	United States
75-3130887	Tax Ease Funding GP LLC	United States
90-0909796	Tax Ease Funding Two, LLC	United States
75-3130885	Tax Ease Funding, LLC	United States
20-2937047	Tax Ease Holdings LLC	United States
20-2937080	Tax Ease Lien Investments 1, LLC	United States
26-4377481	Tax Ease Lien Servicing, LLC	United States
46-5586117	Tax Ease NV LLC	United States
20-2937103	Tax Ease Ohio, LLC	United States
42-1664041	Tax Ease PA, LLC	United States
	Tax Ease REO I, LLC	United States
	Tax Ease REO II, LLC	United States
113508160	TELBANE 2 PTY LIMITED	Australia
070142951	TELBANE PTY LTD	Australia
12035922	Tenacity Capital Limited	United Kingdom
B-88284153	Tencata Servicios Empresariales, S.L.	Spain
OC315196	The Bluebell Transportation LLP	United Kingdom
	THE BOOTHEEL SOLAR PROJECT, LLC	United States
	The Dovel Group, LLC	United States
OC315171	The Goonzaran LLP	United Kingdom
IT1935/08	THE MACQUARIE TOPI40 INVESTMENT TRUST	South Africa
IT1872/2007	THE MF TRUST	South Africa
	THE PANHANDLE II SOLAR PROJECT, LLC	United States
	THE PANHANDLE III SOLAR PROJECT, LLC	United States
	THE PANHANDLE SOLAR PROJECT, LLC	United States
08493328	THOR LIGHTNING PROTECTION LIMITED	United Kingdom
	Thornwood Mortgage Opportunity Fund, L.P.	United States
B-88282181	Ticopa Servicios Empresariales, S.L.	Spain
80-0939458	TN - PTH, LLC	United States
	TRAMS ABS Series 2015-1	Australia
03304503	TRINITY FIRE & SECURITY SYSTEMS LTD	United Kingdom
08552492	TRINITY PROTECTION SYSTEMS LTD	United Kingdom
02764070906	Trisol 81 S.r.l.	Italy
	TRI-STATE II SOLAR PROJECT, LLC	United States
	TRI-STATE SOLAR PROJECT, LLC	United States
2012853459	Tristone Capital Global Inc.	Canada

208568022	Tristone Capital Inc.	Canada
1782120	Tristone Capital SA (Argentine Branch)	Argentina
2012712838	Tristone Capital SA Ltd	Canada
	TWE MYRTLE SOLAR PROJECT, LLC	United States
986 736 565	Tysvaer Vindpark AS	Norway
09243327	UK Green Community Lending Limited	United Kingdom
SC424067	UK Green Investment Bank Limited	United Kingdom
09568027	UK Green Investment Climate International Limited	United Kingdom
09648750	UK NPD Investments GP Limited	United Kingdom
10636785	UK Platform GP Limited	United Kingdom
10637715	UK Platform Partner Limited	United Kingdom
09316859	UK PPP Investments GP Limited	United Kingdom
566-88-00866	ULSAN FLOATING OFFSHORE WIND POWER CO., LTD.	Korea, Republic of
085359833	UPL (SA) PTY LIMITED (IN LIQUIDATION)	Australia
081119495	URBAN PACIFIC PTY LIMITED	Australia
000032134118	Urja Seventh B.V.	Netherlands
03705740	Utility Metering Services Limited	United Kingdom
	WALWORTH COUNTY SOLAR PROJECT, LLC	United States
B225029	WAW CED Sarl	Luxembourg
	WEST DEMING SOLAR PROJECT, LLC	United States
	WEST YAPANK ENERGY STORAGE, LLC	United States
	WESTMORELAND COUNTY SOLAR PROJECT, LLC	United States
	WILDWOOD ENERGY STORAGE, LLC	United States
	Willow Depositor LLC	United States
20-2937224	Winslow Lien Investments, LLC	United States
	Wood County Solar Project, LLC	United States
054813080	WOODROSS NOMINEES PTY. LIMITED	Australia
	WOODSTOCK SOLAR PROJECT, LLC	United States
	WYTHE COUNTY SOLAR PROJECT, LLC	United States
0100-03-024202	YAMATO CHO SOYO FURYOKU HATSUDEN G.K.	Japan
127338783	YENDON WINDFARM PTY LTD	Australia
1449995	Yorkton Capital Partners II Inc.	Canada
1430727	Yorkton Capital Partners Inc.	Canada
	Zhonghe Fengtai Equity Investment (Tianjin) Partnership	China

ANNEXURE 'B'

This is the annexure marked 'B' of 7 page(s) referred to in the Notice of change of interests of substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
28 October 2019

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
11-Oct-19	MIML	Transfer out - client account	AUD 0.00	-2,482	FPO	2,482
11-Oct-19	MIML	Transfer in - client account	AUD 0.00	2,482	FPO	2,482
11-Oct-19	MIML	On market sale	AUD 6.55	-1,560	FPO	1,560
11-Oct-19	MIML	On market sale	AUD 6.54	-217	FPO	217
11-Oct-19	MIML	On market sale	AUD 6.54	-287	FPO	287
11-Oct-19	MIML	On market sale	AUD 6.54	-542	FPO	542
11-Oct-19	MIML	On market purchase	AUD 6.54	150	FPO	150
11-Oct-19	MIML	On market purchase	AUD 6.54	66	FPO	66
11-Oct-19	MIML	On market purchase	AUD 6.54	555	FPO	555
11-Oct-19	MIML	On market purchase	AUD 6.54	1,189	FPO	1,189
11-Oct-19	MIML	On market purchase	AUD 6.54	58	FPO	58
11-Oct-19	MIML	On market purchase	AUD 6.54	1,428	FPO	1,428
11-Oct-19	MBL	On Market Purchase	AUD 6.45	234	FPO	234
11-Oct-19	MBL	On Market Purchase	AUD 6.55	234	FPO	234
11-Oct-19	MBL	On Market Purchase	AUD 6.54	230	FPO	230
11-Oct-19	MBL	On Market Purchase	AUD 6.71	1,750	FPO	1,750
11-Oct-19	MBL	On Market Purchase	AUD 6.52	234	FPO	234
11-Oct-19	MBL	On Market Purchase	AUD 6.48	8,517	FPO	8,517
11-Oct-19	MBL	On Market Purchase	AUD 6.55	525	FPO	525
11-Oct-19	MBL	On Market Purchase	AUD 6.48	234	FPO	234
11-Oct-19	MBL	On Market Purchase	AUD 6.54	150	FPO	150
11-Oct-19	MBL	On Market Purchase	AUD 6.57	234	FPO	234
11-Oct-19	MEH	On Market Sale	AUD 6.48	232	FPO	232
11-Oct-19	MEH	On Market Sale	AUD 6.62	-74	FPO	74
11-Oct-19	MEH	On Market Sale	AUD 6.62	-74	FPO	74
11-Oct-19	MEH	On Market Sale	AUD 6.62	-74	FPO	74
11-Oct-19	MEH	On Market Sale	AUD 6.62	-25	FPO	25
11-Oct-19	MEH	On Market Sale	AUD 6.60	-120	FPO	120
11-Oct-19	MEH	On Market Sale	AUD 6.60	-57	FPO	57
11-Oct-19	MEH	On Market Sale	AUD 6.60	-120	FPO	120
11-Oct-19	MEH	On Market Sale	AUD 6.60	-57	FPO	57
11-Oct-19	MEH	On Market Sale	AUD 6.60	-177	FPO	177
11-Oct-19	MEH	On Market Sale	AUD 6.60	-60	FPO	60
11-Oct-19	MEH	On Market Sale	AUD 6.64	-194	FPO	194
11-Oct-19	MEH	On Market Sale	AUD 6.63	-94	FPO	94
11-Oct-19	MEH	On Market Sale	AUD 6.62	-26	FPO	26
11-Oct-19	MEH	On Market Sale	AUD 6.62	-120	FPO	120
11-Oct-19	MEH	On Market Sale	AUD 6.62	-57	FPO	57
11-Oct-19	MEH	On Market Sale	AUD 6.62	-63	FPO	63
11-Oct-19	MEH	On Market Sale	AUD 6.62	-41	FPO	41
11-Oct-19	MEH	On Market Sale	AUD 6.70	-177	FPO	177
11-Oct-19	MEH	On Market Sale	AUD 6.70	-177	FPO	177
11-Oct-19	MEH	On Market Sale	AUD 6.70	-177	FPO	177
11-Oct-19	MEH	On Market Sale	AUD 6.69	-60	FPO	60
11-Oct-19	MEH	On Market Sale	AUD 6.68	-150	FPO	150
11-Oct-19	MEH	On Market Sale	AUD 6.68	-27	FPO	27
11-Oct-19	MEH	On Market Sale	AUD 6.68	-28	FPO	28
11-Oct-19	MEH	On Market Sale	AUD 6.68	-4	FPO	4

11-Oct-19	MEH	On Market Sale	AUD 6.68	-85	FPO	85
11-Oct-19	MEH	On Market Sale	AUD 6.68	-152	FPO	152
11-Oct-19	MEH	On Market Sale	AUD 6.68	-145	FPO	145
11-Oct-19	MEH	On Market Sale	AUD 6.67	-162	FPO	162
11-Oct-19	MEH	On Market Sale	AUD 6.67	-2	FPO	2
11-Oct-19	MEH	On Market Sale	AUD 6.71	2,959	FPO	2,959
11-Oct-19	MEH	On Market Sale	AUD 6.64	-68	FPO	68
11-Oct-19	MEH	On Market Sale	AUD 6.64	-60	FPO	60
11-Oct-19	MEH	On Market Sale	AUD 6.63	-52	FPO	52
14-Oct-19	MIMAL	On market sale	AUD 6.6	-7,612	FPO	7,612
14-Oct-19	MIML	Transfer out - client account	AUD 0.00	-361	FPO	361
14-Oct-19	MIML	On market purchase	AUD 6.50	1,046	FPO	1,046
14-Oct-19	MIML	On market purchase	AUD 6.50	487	FPO	487
14-Oct-19	MIML	On market sale	AUD 6.51	-5,632	FPO	5,632
14-Oct-19	MIML	Transfer in - client account	AUD 0.00	361	FPO	361
14-Oct-19	MBL	On Market Purchase	AUD 6.50	582	FPO	582
14-Oct-19	MBL	On Market Purchase	AUD 6.51	235	FPO	235
14-Oct-19	MBL	On Market Purchase	AUD 6.52	817	FPO	817
14-Oct-19	MBL	On Market Sale	AUD 6.64	-6,848	FPO	6,848
14-Oct-19	MBL	On Market Purchase	AUD 6.50	291	FPO	291
14-Oct-19	MEH	On Market Sale	AUD 6.51	3,086	FPO	3,086
14-Oct-19	MEH	On Market Sale	AUD 6.55	-60	FPO	60
14-Oct-19	MEH	On Market Sale	AUD 6.55	-78	FPO	78
14-Oct-19	MEH	On Market Sale	AUD 6.55	-138	FPO	138
14-Oct-19	MEH	On Market Sale	AUD 6.55	-48	FPO	48
14-Oct-19	MEH	On Market Sale	AUD 6.55	-37	FPO	37
14-Oct-19	MEH	On Market Sale	AUD 6.55	-90	FPO	90
14-Oct-19	MEH	On Market Sale	AUD 6.55	-11	FPO	11
14-Oct-19	MEH	On Market Sale	AUD 6.49	-60	FPO	60
14-Oct-19	MEH	On Market Sale	AUD 6.50	-60	FPO	60
14-Oct-19	MEH	On Market Sale	AUD 6.50	-60	FPO	60
14-Oct-19	MEH	On Market Sale	AUD 6.49	-4	FPO	4
14-Oct-19	MEH	On Market Sale	AUD 6.50	-169	FPO	169
14-Oct-19	MEH	On Market Sale	AUD 6.50	-117	FPO	117
14-Oct-19	MEH	On Market Sale	AUD 6.50	-117	FPO	117
14-Oct-19	MEH	On Market Sale	AUD 6.50	-57	FPO	57
14-Oct-19	MEH	On Market Sale	AUD 6.50	-22	FPO	22
14-Oct-19	MEH	On Market Sale	AUD 6.50	-57	FPO	57
14-Oct-19	MEH	On Market Sale	AUD 6.50	-57	FPO	57
14-Oct-19	MEH	On Market Sale	AUD 6.49	-25	FPO	25
14-Oct-19	MEH	On Market Sale	AUD 6.50	-87	FPO	87
14-Oct-19	MEH	On Market Sale	AUD 6.50	-92	FPO	92
14-Oct-19	MEH	On Market Sale	AUD 6.50	-92	FPO	92
14-Oct-19	MEH	On Market Sale	AUD 6.50	-37	FPO	37
14-Oct-19	MEH	On Market Sale	AUD 6.53	-138	FPO	138
14-Oct-19	MEH	On Market Sale	AUD 6.53	-138	FPO	138
14-Oct-19	MEH	On Market Sale	AUD 6.53	-138	FPO	138
14-Oct-19	MEH	On Market Sale	AUD 6.53	-48	FPO	48
14-Oct-19	MEH	On Market Sale	AUD 6.53	-129	FPO	129
14-Oct-19	MEH	On Market Sale	AUD 6.53	-174	FPO	174
14-Oct-19	MEH	On Market Sale	AUD 6.53	-129	FPO	129
14-Oct-19	MEH	On Market Sale	AUD 6.52	-133	FPO	133
14-Oct-19	MEH	On Market Sale	AUD 6.52	-14	FPO	14
14-Oct-19	MEH	On Market Sale	AUD 6.52	-147	FPO	147
14-Oct-19	MEH	On Market Sale	AUD 6.52	-89	FPO	89
14-Oct-19	MEH	On Market Sale	AUD 6.52	-110	FPO	110
14-Oct-19	MEH	On Market Sale	AUD 6.64	-525	FPO	525
14-Oct-19	MEH	On Market Sale	AUD 6.64	-837	FPO	837
14-Oct-19	MEH	On Market Sale	AUD 6.64	-10,222	FPO	10,222
14-Oct-19	MEH	On Market Sale	AUD 6.64	-1,386	FPO	1,386
14-Oct-19	MEH	On Market Sale	AUD 6.64	-596	FPO	596
14-Oct-19	MEH	On Market Sale	AUD 6.64	-158	FPO	158
14-Oct-19	MEH	On Market Sale	AUD 6.64	-2,547	FPO	2,547
14-Oct-19	MEH	On Market Sale	AUD 6.64	-898	FPO	898

14-Oct-19	MEH	On Market Sale	AUD 6.50	-124	FPO	124
15-Oct-19	MBL	Borrow Delivery	AUD 6.64	340,000	FPO	340,000
15-Oct-19	MIML	On market purchase	AUD 6.58	2,804	FPO	2,804
15-Oct-19	MIML	On market purchase	AUD 6.58	86	FPO	86
15-Oct-19	MIML	On market purchase	AUD 6.58	158	FPO	158
15-Oct-19	MIML	On market purchase	AUD 6.58	2,526	FPO	2,526
15-Oct-19	MIML	On market purchase	AUD 6.58	714	FPO	714
15-Oct-19	MIML	On market sale	AUD 6.56	-253	FPO	253
15-Oct-19	MIML	On market purchase	AUD 6.58	118	FPO	118
15-Oct-19	MIML	On market sale	AUD 6.56	-200	FPO	200
15-Oct-19	MIML	On market purchase	AUD 6.58	301	FPO	301
15-Oct-19	MBL	On Market Purchase	AUD 6.64	351	FPO	351
15-Oct-19	MBL	On Market Purchase	AUD 6.65	993	FPO	993
15-Oct-19	MBL	On Market Purchase	AUD 6.62	1,107	FPO	1,107
15-Oct-19	MBL	On Market Purchase	AUD 6.64	1,900	FPO	1,900
15-Oct-19	MBL	On Market Sale	AUD 6.62	-932	FPO	932
15-Oct-19	MBL	On Market Purchase	AUD 6.63	291	FPO	291
15-Oct-19	MBL	On Market Purchase	AUD 6.63	2,197	FPO	2,197
15-Oct-19	MEH	On Market Sale	AUD 6.60	-1,049	FPO	1,049
15-Oct-19	MEH	On Market Sale	AUD 6.60	-156	FPO	156
15-Oct-19	MEH	On Market Sale	AUD 6.67	141	FPO	141
15-Oct-19	MEH	On Market Sale	AUD 6.67	180	FPO	180
15-Oct-19	MEH	On Market Sale	AUD 6.67	101	FPO	101
15-Oct-19	MEH	On Market Sale	AUD 6.67	180	FPO	180
15-Oct-19	MEH	On Market Sale	AUD 6.64	90	FPO	90
15-Oct-19	MEH	On Market Sale	AUD 6.64	37	FPO	37
15-Oct-19	MEH	On Market Sale	AUD 6.64	47	FPO	47
15-Oct-19	MEH	On Market Sale	AUD 6.64	37	FPO	37
15-Oct-19	MEH	On Market Sale	AUD 6.65	106	FPO	106
15-Oct-19	MEH	On Market Sale	AUD 6.65	137	FPO	137
15-Oct-19	MEH	On Market Sale	AUD 6.65	106	FPO	106
15-Oct-19	MEH	On Market Sale	AUD 6.65	43	FPO	43
16-Oct-19	MBL	Borrow Return	AUD 6.64	-340,000	FPO	340,000
16-Oct-19	MIML	On market sale	AUD 6.51	-2,500	FPO	2,500
16-Oct-19	MIML	On market sale	AUD 6.52	-1,500	FPO	1,500
16-Oct-19	MIML	On market sale	AUD 6.51	-1,500	FPO	1,500
16-Oct-19	MIML	On market sale	AUD 6.54	-789	FPO	789
16-Oct-19	MIML	On market purchase	AUD 6.64	219	FPO	219
16-Oct-19	MIML	On market sale	AUD 6.54	-171	FPO	171
16-Oct-19	MBL	On Market Purchase	AUD 6.54	926	FPO	926
16-Oct-19	MBL	On Market Purchase	AUD 6.54	1,081	FPO	1,081
16-Oct-19	MBL	On Market Sale	AUD 6.56	-2,343	FPO	2,343
16-Oct-19	MBL	On Market Purchase	AUD 6.68	4,982	FPO	4,982
16-Oct-19	MBL	On Market Purchase	AUD 6.54	642	FPO	642
16-Oct-19	MBL	On Market Purchase	AUD 6.54	1,081	FPO	1,081
16-Oct-19	MBL	On Market Purchase	AUD 6.52	1,383	FPO	1,383
16-Oct-19	MBL	On Market Purchase	AUD 6.52	234	FPO	234
16-Oct-19	MBL	On Market Purchase	AUD 6.55	235	FPO	235
16-Oct-19	MBL	On Market Purchase	AUD 6.62	4,961	FPO	4,961
16-Oct-19	MBL	On Market Purchase	AUD 6.53	438	FPO	438
16-Oct-19	MBL	On Market Purchase	AUD 6.54	1,636	FPO	1,636
16-Oct-19	MBL	On Market Purchase	AUD 6.53	996	FPO	996
16-Oct-19	MBL	On Market Purchase	AUD 6.53	791	FPO	791
17-Oct-19	MBL	Borrow Return	AUD 6.951	-1,205,000	FPO	1,205,000
17-Oct-19	MIMAL	On market sale	AUD 6.6	-1,831	FPO	1,831
17-Oct-19	MIML	On market purchase	AUD 6.52	357	FPO	357
17-Oct-19	MIML	On market purchase	AUD 6.52	328	FPO	328
17-Oct-19	MIML	On market purchase	AUD 6.52	432	FPO	432
17-Oct-19	MIML	On market purchase	AUD 6.52	496	FPO	496
17-Oct-19	MIML	On market sale	AUD 6.57	-810	FPO	810
17-Oct-19	MIML	On market sale	AUD 6.52	-60	FPO	60
17-Oct-19	MBL	On Market Sale	AUD 6.58	-1,569	FPO	1,569
17-Oct-19	MBL	On Market Purchase	AUD 6.58	188	FPO	188
17-Oct-19	MBL	On Market Sale	AUD 6.56	-11,673	FPO	11,673

17-Oct-19	MEH	On Market Sale	AUD 6.58	-994	FPO	994
17-Oct-19	MEH	On Market Sale	AUD 6.56	2,522	FPO	2,522
17-Oct-19	MEH	On Market Sale	AUD 6.56	1,105	FPO	1,105
17-Oct-19	MEH	On Market Sale	AUD 6.56	1,327	FPO	1,327
17-Oct-19	MEH	On Market Sale	AUD 6.54	-28	FPO	28
17-Oct-19	MEH	On Market Sale	AUD 6.54	-58	FPO	58
17-Oct-19	MEH	On Market Sale	AUD 6.54	-2	FPO	2
17-Oct-19	MEH	On Market Sale	AUD 6.54	-24	FPO	24
17-Oct-19	MEH	On Market Sale	AUD 6.54	-60	FPO	60
17-Oct-19	MEH	On Market Sale	AUD 6.54	-1	FPO	1
17-Oct-19	MEH	On Market Sale	AUD 6.54	-5	FPO	5
17-Oct-19	MEH	On Market Sale	AUD 6.54	-9	FPO	9
17-Oct-19	MEH	On Market Sale	AUD 6.54	-110	FPO	110
17-Oct-19	MEH	On Market Sale	AUD 6.54	-164	FPO	164
17-Oct-19	MEH	On Market Sale	AUD 6.54	-212	FPO	212
17-Oct-19	MEH	On Market Sale	AUD 6.54	-133	FPO	133
17-Oct-19	MEH	On Market Sale	AUD 6.54	-31	FPO	31
17-Oct-19	MEH	On Market Sale	AUD 6.54	-153	FPO	153
17-Oct-19	MEH	On Market Sale	AUD 6.54	-297	FPO	297
17-Oct-19	MEH	On Market Sale	AUD 6.54	-297	FPO	297
17-Oct-19	MEH	On Market Sale	AUD 6.53	-161	FPO	161
17-Oct-19	MEH	On Market Sale	AUD 6.53	-99	FPO	99
17-Oct-19	MEH	On Market Sale	AUD 6.53	-37	FPO	37
17-Oct-19	MEH	On Market Sale	AUD 6.53	-99	FPO	99
17-Oct-19	MEH	On Market Sale	AUD 6.48	-70	FPO	70
17-Oct-19	MEH	On Market Sale	AUD 6.48	-150	FPO	150
17-Oct-19	MEH	On Market Sale	AUD 6.48	-53	FPO	53
17-Oct-19	MEH	On Market Sale	AUD 6.48	-24	FPO	24
17-Oct-19	MEH	On Market Sale	AUD 6.49	-271	FPO	271
17-Oct-19	MEH	On Market Sale	AUD 6.48	-26	FPO	26
17-Oct-19	MEH	On Market Sale	AUD 6.48	-45	FPO	45
17-Oct-19	MEH	On Market Sale	AUD 6.48	-133	FPO	133
17-Oct-19	MEH	On Market Sale	AUD 6.48	-119	FPO	119
17-Oct-19	MEH	On Market Sale	AUD 6.48	-31	FPO	31
17-Oct-19	MEH	On Market Sale	AUD 6.48	-35	FPO	35
17-Oct-19	MEH	On Market Sale	AUD 6.48	-100	FPO	100
17-Oct-19	MEH	On Market Sale	AUD 6.48	-131	FPO	131
17-Oct-19	MEH	On Market Sale	AUD 6.48	-99	FPO	99
17-Oct-19	MEH	On Market Sale	AUD 6.48	-34	FPO	34
17-Oct-19	MEH	On Market Sale	AUD 6.47	-100	FPO	100
17-Oct-19	MEH	On Market Sale	AUD 6.48	-97	FPO	97
17-Oct-19	MEH	On Market Sale	AUD 6.48	-100	FPO	100
17-Oct-19	MEH	On Market Sale	AUD 6.48	-97	FPO	97
17-Oct-19	MEH	On Market Sale	AUD 6.47	-197	FPO	197
17-Oct-19	MEH	On Market Sale	AUD 6.48	-68	FPO	68
18-Oct-19	MIMAL	On market sale	AUD 6.43	-191	FPO	191
18-Oct-19	MIMAL	On market sale	AUD 6.42	-841	FPO	841
18-Oct-19	MIML	On market purchase	AUD 6.26	112	FPO	112
18-Oct-19	MIML	On market purchase	AUD 6.26	112	FPO	112
18-Oct-19	MIML	On market purchase	AUD 6.26	280	FPO	280
18-Oct-19	MIML	On market purchase	AUD 6.26	110	FPO	110
18-Oct-19	MIML	On market sale	AUD 6.27	-1,550	FPO	1,550
18-Oct-19	MIML	On market sale	AUD 6.22	-120	FPO	120
18-Oct-19	MIML	On market purchase	AUD 6.26	89	FPO	89
18-Oct-19	MIML	On market sale	AUD 6.27	-128	FPO	128
18-Oct-19	MIML	On market sale	AUD 6.22	-67	FPO	67
18-Oct-19	MIML	On market purchase	AUD 6.26	981	FPO	981
18-Oct-19	MIML	On market purchase	AUD 6.26	1,050	FPO	1,050
18-Oct-19	MIML	On market purchase	AUD 6.26	291	FPO	291
18-Oct-19	MIML	On market sale	AUD 6.22	-69	FPO	69
18-Oct-19	MIML	On market purchase	AUD 6.26	88	FPO	88
18-Oct-19	MIML	On market purchase	AUD 6.26	1,286	FPO	1,286
18-Oct-19	MIML	On market sale	AUD 6.22	-28	FPO	28
18-Oct-19	MIML	On market sale	AUD 6.22	-101	FPO	101

18-Oct-19	MIML	On market sale	AUD 6.22	-109	FPO	109
18-Oct-19	MIML	On market purchase	AUD 6.26	92	FPO	92
18-Oct-19	MIML	On market purchase	AUD 6.26	162	FPO	162
18-Oct-19	MIML	On market purchase	AUD 6.26	444	FPO	444
18-Oct-19	MIML	On market sale	AUD 6.22	-45	FPO	45
18-Oct-19	MIML	On market purchase	AUD 6.26	243	FPO	243
18-Oct-19	MIML	On market sale	AUD 6.22	-69	FPO	69
18-Oct-19	MIML	On market purchase	AUD 6.26	27	FPO	27
18-Oct-19	MIML	On market purchase	AUD 6.26	130	FPO	130
18-Oct-19	MIML	On market sale	AUD 6.22	-3,000	FPO	3,000
18-Oct-19	MIML	On market sale	AUD 6.24	-2,600	FPO	2,600
18-Oct-19	MIML	On market purchase	AUD 6.26	169	FPO	169
18-Oct-19	MIML	On market purchase	AUD 6.26	1,354	FPO	1,354
18-Oct-19	MIML	On market purchase	AUD 6.26	530	FPO	530
18-Oct-19	MIML	On market sale	AUD 6.27	-48	FPO	48
18-Oct-19	MIML	On market purchase	AUD 6.26	141	FPO	141
18-Oct-19	MIML	On market sale	AUD 6.22	-138	FPO	138
18-Oct-19	MIML	On market sale	AUD 6.22	-39	FPO	39
18-Oct-19	MBL	On Market Sale	AUD 6.44	-2,043	FPO	2,043
18-Oct-19	MBL	On Market Purchase	AUD 6.22	3,669	FPO	3,669
18-Oct-19	MEH	On Market Sale	AUD 6.30	-187	FPO	187
18-Oct-19	MEH	On Market Sale	AUD 6.30	-113	FPO	113
18-Oct-19	MEH	On Market Sale	AUD 6.31	-187	FPO	187
18-Oct-19	MEH	On Market Sale	AUD 6.31	-121	FPO	121
18-Oct-19	MEH	On Market Sale	AUD 6.30	-91	FPO	91
18-Oct-19	MEH	On Market Sale	AUD 6.30	-91	FPO	91
18-Oct-19	MEH	On Market Sale	AUD 6.30	-91	FPO	91
18-Oct-19	MEH	On Market Sale	AUD 6.29	-31	FPO	31
18-Oct-19	MEH	On Market Sale	AUD 6.27	-91	FPO	91
18-Oct-19	MEH	On Market Sale	AUD 6.26	-141	FPO	141
18-Oct-19	MEH	On Market Sale	AUD 6.26	-72	FPO	72
18-Oct-19	MEH	On Market Sale	AUD 6.25	-50	FPO	50
18-Oct-19	MEH	On Market Sale	AUD 6.25	-87	FPO	87
18-Oct-19	MEH	On Market Sale	AUD 6.25	-87	FPO	87
18-Oct-19	MEH	On Market Sale	AUD 6.25	-35	FPO	35
18-Oct-19	MEH	On Market Sale	AUD 6.24	-250	FPO	250
18-Oct-19	MEH	On Market Sale	AUD 6.25	-35	FPO	35
18-Oct-19	MEH	On Market Sale	AUD 6.27	-46	FPO	46
18-Oct-19	MEH	On Market Sale	AUD 6.26	-91	FPO	91
18-Oct-19	MEH	On Market Sale	AUD 6.26	-87	FPO	87
18-Oct-19	MEH	On Market Sale	AUD 6.26	-45	FPO	45
18-Oct-19	MEH	On Market Sale	AUD 6.26	-35	FPO	35
18-Oct-19	MEH	On Market Sale	AUD 6.24	-64	FPO	64
18-Oct-19	MEH	On Market Sale	AUD 6.25	-160	FPO	160
18-Oct-19	MEH	On Market Sale	AUD 6.25	-204	FPO	204
18-Oct-19	MEH	On Market Sale	AUD 6.25	-244	FPO	244
18-Oct-19	MEH	On Market Sale	AUD 6.44	461	FPO	461
18-Oct-19	MEH	On Market Sale	AUD 6.44	150	FPO	150
18-Oct-19	MEH	On Market Sale	AUD 6.44	653	FPO	653
18-Oct-19	MEH	On Market Sale	AUD 6.44	496	FPO	496
18-Oct-19	MEH	On Market Sale	AUD 6.44	168	FPO	168
18-Oct-19	MEH	On Market Sale	AUD 6.44	892	FPO	892
18-Oct-19	MEH	On Market Sale	AUD 6.44	220	FPO	220
18-Oct-19	MEH	On Market Sale	AUD 6.22	3,714	FPO	3,714
18-Oct-19	MEH	On Market Sale	AUD 6.22	62	FPO	62
18-Oct-19	MEH	On Market Sale	AUD 6.36	-141	FPO	141
18-Oct-19	MEH	On Market Sale	AUD 6.35	-48	FPO	48
18-Oct-19	MEH	On Market Sale	AUD 6.35	-67	FPO	67
18-Oct-19	MEH	On Market Sale	AUD 6.35	-48	FPO	48
21-Oct-19	MBL	Borrow Delivery	AUD 6.888	2,000,000	FPO	2,000,000
21-Oct-19	MBL	Borrow Delivery	AUD 6.56	4,000,000	FPO	4,000,000
21-Oct-19	MBL	Borrow Delivery	USD 4.656676	2,000,000	FPO	2,000,000
21-Oct-19	MBL	Borrow Return	AUD 6.909	-3,823,000	FPO	3,823,000
21-Oct-19	MBL	Borrow Return	AUD 6.909	-695,000	FPO	695,000

21-Oct-19	MBL	Borrow Return	AUD 6.909	-460,000	FPO	460,000
21-Oct-19	MBL	Borrow Return	AUD 6.909	-2,000,000	FPO	2,000,000
21-Oct-19	MBL	Borrow Return	AUD 6.909	-1,240,000	FPO	1,240,000
21-Oct-19	MIMAL	On market sale	AUD 6.24	-5,331	FPO	5,331
21-Oct-19	MIMAL	On market sale	AUD 6.24	-743	FPO	743
21-Oct-19	MIML	On market purchase	AUD 6.20	2,421	FPO	2,421
21-Oct-19	MIML	On market purchase	AUD 6.20	2,625	FPO	2,625
21-Oct-19	MBL	On Market Sale	AUD 6.19	-480	FPO	480
21-Oct-19	MBL	On Market Sale	AUD 6.19	-2,007	FPO	2,007
21-Oct-19	MBL	On Market Purchase	AUD 6.25	203	FPO	203
21-Oct-19	MEH	On Market Sale	AUD 6.19	-29	FPO	29
21-Oct-19	MEH	On Market Sale	AUD 6.23	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.23	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.26	14	FPO	14
21-Oct-19	MEH	On Market Sale	AUD 6.20	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.20	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.22	35	FPO	35
21-Oct-19	MEH	On Market Sale	AUD 6.22	3	FPO	3
21-Oct-19	MEH	On Market Sale	AUD 6.26	46	FPO	46
21-Oct-19	MEH	On Market Sale	AUD 6.27	31	FPO	31
21-Oct-19	MEH	On Market Sale	AUD 6.26	77	FPO	77
21-Oct-19	MEH	On Market Sale	AUD 6.26	77	FPO	77
21-Oct-19	MEH	On Market Sale	AUD 6.27	26	FPO	26
21-Oct-19	MEH	On Market Sale	AUD 6.23	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.23	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.24	14	FPO	14
21-Oct-19	MEH	On Market Sale	AUD 6.26	116	FPO	116
21-Oct-19	MEH	On Market Sale	AUD 6.26	116	FPO	116
21-Oct-19	MEH	On Market Sale	AUD 6.26	157	FPO	157
21-Oct-19	MEH	On Market Sale	AUD 6.22	14	FPO	14
21-Oct-19	MEH	On Market Sale	AUD 6.23	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.24	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.19	-564	FPO	564
21-Oct-19	MEH	On Market Sale	AUD 6.19	-161	FPO	161
21-Oct-19	MEH	On Market Sale	AUD 6.19	-81	FPO	81
21-Oct-19	MEH	On Market Sale	AUD 6.19	-8	FPO	8
21-Oct-19	MEH	On Market Sale	AUD 6.19	-284	FPO	284
21-Oct-19	MEH	On Market Sale	AUD 6.19	-4	FPO	4
21-Oct-19	MEH	On Market Sale	AUD 6.19	-155	FPO	155
21-Oct-19	MEH	On Market Sale	AUD 6.22	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.22	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.22	52	FPO	52
21-Oct-19	MEH	On Market Sale	AUD 6.20	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.21	38	FPO	38
21-Oct-19	MEH	On Market Sale	AUD 6.21	52	FPO	52
22-Oct-19	MBL	Borrow Delivery	AUD 7.1064	2,400,000	FPO	2,400,000
22-Oct-19	MBL	Borrow Delivery	AUD 6.58	2,000,000	FPO	2,000,000
22-Oct-19	MBL	Borrow Return	AUD 6.888	-65,000	FPO	65,000
22-Oct-19	MBL	Borrow Return	AUD 6.531	-2,600,000	FPO	2,600,000
22-Oct-19	MBL	Borrow Return	AUD 6.531	-2,467,000	FPO	2,467,000
22-Oct-19	MIML	Transfer out - client account	AUD 0.00	-350	FPO	350
22-Oct-19	MIML	On market purchase	AUD 6.39	64	FPO	64
22-Oct-19	MIML	On market purchase	AUD 6.39	92	FPO	92
22-Oct-19	MIML	On market sale	AUD 6.18	-1,200	FPO	1,200
22-Oct-19	MIML	Transfer in - client account	AUD 0.00	350	FPO	350
22-Oct-19	MIML	On market purchase	AUD 6.39	530	FPO	530
22-Oct-19	MIML	On market purchase	AUD 6.39	1,824	FPO	1,824
22-Oct-19	MIML	On market sale	AUD 6.30	-507	FPO	507
22-Oct-19	MIML	On market purchase	AUD 6.39	731	FPO	731
22-Oct-19	MBL	On Market Purchase	AUD 6.30	2,151	FPO	2,151
22-Oct-19	MBL	On Market Sale	AUD 6.30	-279	FPO	279
22-Oct-19	MBL	On Market Sale	AUD 6.15	-1,567	FPO	1,567
22-Oct-19	MBL	On Market Purchase	AUD 6.30	527	FPO	527
23-Oct-19	MBL	Borrow Return	AUD 6.75	-730,000	FPO	730,000

23-Oct-19	MBL	Borrow Return	AUD 6.25	-20,000	FPO	20,000
23-Oct-19	MBL	Borrow Return	AUD 6.5625	-1,205,000	FPO	1,205,000
23-Oct-19	MIML	On market purchase	AUD 6.20	1,801	FPO	1,801
23-Oct-19	MIML	On market purchase	AUD 6.20	135	FPO	135
23-Oct-19	MIML	Transfer in - client account	AUD 0.00	361	FPO	361
23-Oct-19	MIML	On market purchase	AUD 6.20	169	FPO	169
23-Oct-19	MIML	On market purchase	AUD 6.20	130	FPO	130
23-Oct-19	MIML	On market purchase	AUD 6.20	689	FPO	689
23-Oct-19	MIML	On market sale	AUD 6.19	-2,000	FPO	2,000
23-Oct-19	MIML	On market sale	AUD 6.22	-4,953	FPO	4,953
23-Oct-19	MIML	On market purchase	AUD 6.20	2,812	FPO	2,812
23-Oct-19	MIML	On market purchase	AUD 6.20	613	FPO	613
23-Oct-19	MIML	Transfer out - client account	AUD 0.00	-361	FPO	361
23-Oct-19	MBL	On Market Sale	AUD 6.21	-263	FPO	263
23-Oct-19	MBL	On Market Sale	AUD 6.29	-2,840	FPO	2,840
23-Oct-19	MBL	On Market Sale	AUD 6.22	-498	FPO	498
23-Oct-19	MBL	On Market Sale	AUD 6.21	-350	FPO	350
23-Oct-19	MBL	On Market Sale	AUD 6.22	-582	FPO	582
23-Oct-19	MEH	On Market Sale	AUD 6.30	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.28	-15	FPO	15
23-Oct-19	MEH	On Market Sale	AUD 6.26	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.24	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.24	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.24	-32	FPO	32
23-Oct-19	MEH	On Market Sale	AUD 6.24	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.24	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.24	-94	FPO	94
23-Oct-19	MEH	On Market Sale	AUD 6.25	-33	FPO	33
23-Oct-19	MEH	On Market Sale	AUD 6.22	-75	FPO	75
23-Oct-19	MEH	On Market Sale	AUD 6.21	-127	FPO	127
23-Oct-19	MEH	On Market Sale	AUD 6.19	-34	FPO	34
23-Oct-19	MEH	On Market Sale	AUD 6.19	-34	FPO	34
23-Oct-19	MEH	On Market Sale	AUD 6.19	-30	FPO	30
23-Oct-19	MEH	On Market Sale	AUD 6.19	-4	FPO	4
23-Oct-19	MEH	On Market Sale	AUD 6.19	-13	FPO	13
23-Oct-19	MEH	On Market Sale	AUD 6.20	3,175	FPO	3,175
23-Oct-19	MEH	On Market Sale	AUD 6.23	-160	FPO	160
23-Oct-19	MEH	On Market Sale	AUD 6.23	-200	FPO	200
23-Oct-19	MEH	On Market Sale	AUD 6.23	-117	FPO	117
23-Oct-19	MEH	On Market Sale	AUD 6.23	-109	FPO	109
23-Oct-19	MEH	On Market Sale	AUD 6.23	-274	FPO	274
23-Oct-19	MEH	On Market Sale	AUD 6.23	-58	FPO	58
23-Oct-19	MEH	On Market Sale	AUD 6.22	-94	FPO	94
23-Oct-19	MEH	On Market Sale	AUD 6.22	-145	FPO	145
23-Oct-19	MEH	On Market Sale	AUD 6.22	-200	FPO	200
23-Oct-19	MEH	On Market Sale	AUD 6.22	-3	FPO	3
23-Oct-19	MEH	On Market Sale	AUD 6.22	-27	FPO	27
23-Oct-19	MEH	On Market Sale	AUD 6.22	-3	FPO	3
23-Oct-19	MEH	On Market Sale	AUD 6.22	-200	FPO	200
23-Oct-19	MEH	On Market Sale	AUD 6.29	-35	FPO	35
23-Oct-19	MEH	On Market Sale	AUD 6.29	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.29	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.30	-92	FPO	92
23-Oct-19	MEH	On Market Sale	AUD 6.30	-95	FPO	95
23-Oct-19	MEH	On Market Sale	AUD 6.30	-56	FPO	56
23-Oct-19	MEH	On Market Sale	AUD 6.30	-56	FPO	56