

Form 603

Corporations Act 2001 Section 671B

Notice of initial substantial holder

To: Company Name/Scheme ImpediMed Ltd IPD.AX
ABN/ACN/ARSN 65 089 705 144

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

The holder became a substantial holder on: 21 June 2019

2. Details of voting power

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

Class of securities	Number of securities	Person's votes	Voting power
'FPO'	18,993,265	18,993,265	5.00%

3. Details of relevant interests

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

Holder of relevant interest	Nature of relevant interest	Number of securities	Class
MACQUARIE INVESTMENT MANAGEMENT LTD	Pursuant to section 608 of the Corporations Act	18,993,265	FPO

4. Details of present registered holders

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as	Number of securities	Class
MACQUARIE INVESTMENT MANAGEMENT LTD	Bond Street Custodians Limited	Bond Street Custodians Limited	18,993,265	FPO

5. Consideration

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

Holder of relevant interest	Date of acquisition	Consideration	Number of securities	Class
See Annexure B				

6. Associates

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

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

7. Addresses

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

Name	Address
MACQUARIE INVESTMENT MANAGEMENT LTD	Level 6, 50 Martin Place, Sydney NSW 2000, Australia
Macquarie Group Limited	Level 6, 50 Martin Place, Sydney NSW 2000, Australia

Signature

Print name Dennis Leong

Capacity Company Secretary

Sign here

Date 26 June 2019

ANNEXURE 'A'

This is the annexure marked 'A' of 20 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
26 June 2019

Controlled Bodies Corporate

ACN / Company No	Entity Name	Incorp Country
	1250 N LaSalle Member LLC	United States
	1250 N LaSalle Property 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
B88238381	Abeto New Energy S.L.	Spain
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
651-88-00238	ACHIM SOLAR POWER CO., LTD.	Korea, Republic of
	ADAMS CREEK SOLAR PROJECT, LLC	United States
9783406	Aerospace Finance 6771 UK Limited	United Kingdom
09812041	Aerospace Finance 6816 UK Limited	United Kingdom
9819666	Aerospace Finance 6818 UK Limited	United Kingdom
HRB 237758	AIF Business Solutions GmbH	Germany
	ALLEN COUNTY SOLAR PROJECT, LLC	United States
	Alster & Thames Partners (USA) LLC	United States
286-87-01017	ARAN SOLAR COMPANY LIMITED	Korea, Republic of
	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
11431362	Bing TK Holdings Limited	United Kingdom
11431590	Bing TK Limited	United Kingdom
126708	Bing TK Topco Limited	Jersey
20-2937246	Blue Grass Abstract LLC	United States
	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
	BUCKEYE PLAINS II SOLAR PROJECT, LLC	United States
	BUCKEYE PLAINS SOLAR PROJECT, LLC	United States
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
04800336	Capital Meters Holdings Limited	United Kingdom
04800317	Capital Meters 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
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
	CityPark I, LLC	United States
	CityPark IV, LLC	United States
	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
201816156M	Conergy Asia Pte. Ltd.	Singapore
CS2015160102	Conergy Renewable Services Philippines Inc.	Philippines
201536002R	Conergy Singapore SPV HoldCo. Pte. Ltd	Singapore
626485005	Conergy Solar Australia Pty Limited	Australia
0100-01-192544	Conergy Solar Japan KK	Japan
	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
	CW Intermediate Holdings LLC	United States
	CW NV East Charleston LLC	United States
	CW NV Rainbow LLC	United States
	CW NV West Charleston LLC	United States
	CW NV West Hacienda LLC	United States
	CW Ultimate Holdings LLC	United States
	CW US Holdings 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
9670677H	Delaware Investments Global Value Equity Fund (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
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
	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
B88238423	Encina New Energy S.L.	Spain

0200-03-009420	ENERGY PRATHAM INC.	Japan
684-87-01069	ENERGY-S COMPANY LIMITED	Korea, Republic of
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
20-5600465	FAS 1 LLC	United States
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
	Fusion Management Holdings, LLC	United States
	Fusion Property Holdings, LLC	United States
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
009642942	GILLMAN PTY. LIMITED	Australia
	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
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
HRB 236848	Globe Beteiligungs GmbH	Germany
11346219	Gnowee Iberia Holdings Limited	United Kingdom
0110-03-004802	GODO KAISHA ALPHA MEGA SOLAR PROJECT NO. 1	Japan
0110-03-004888	GODO KAISHA ALPHA MEGA SOLAR PROJECT NO. 2	Japan
0400-03-006779	GODO KAISHA HIMEJI TOHORI TAIYO-NO-SATO NO. 1	Japan
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 INNOVATION HOLDINGS 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
	GREENSVILLE COUNTY SOLAR PROJECT, LLC	United States
	GRIMES COUNTY SOLAR PROJECT, LLC	United States
	GSD FARMING CO. LLC	United States
617-86-04977	GWindSky 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
	Harrison Leasing Corporation	United States
415492	HBEAR CO. NO.1 LIMITED (in voluntary liquidation)	Ireland
11727301	HC One PPP Investments Limited	United Kingdom
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
559017	Hermes Infrastructure Investco Ireland GP Limited	Ireland
	HIDALGO COUNTY 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
104173891	HUB X PTY LIMITED	Australia
97666	Hydra Investments 2007 Limited	Jersey
0100-03-027910	Ichinoseki 2 GK	Japan
002757020	IDAMENEO (NO. 79) NOMINEES PTY. LIMITED	Australia
46-1490923	Illinois Salt Fox Investments, LLC	United States
20-2937198	Indiana TLP, LLC	United States
201729633K	ION ENERGY PTE. LIMITED	Singapore
CR-113608	Jackson Leasing Limited	Cayman Islands
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
CR-113609	Kearny Leasing Limited	Cayman Islands
	KENDALL COUNTY SOLAR PROJECT, LLC	United States
	Kenosha Propco I, 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
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
419-86-01134	LAON SOLAR COMPANY LIMITED	Korea, Republic of
	LAWRENCE COUNTY SOLAR PROJECT, 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
	Long Beach Airport Hangar Owner LLC	United States
B88238449	Loto Solar PV, S.L.	Spain
	LPC Brewster Creek I, LLC	United States
	LPC Dallas DFW I, LLC	United States
	LPC Dallas DFW II, LLC	United States
	LPC Frederickson 1, LLC	United States
	LPC Frederickson 2, LLC	United States
	LPC Frederickson 3, LLC	United States
	LPC Frederickson 4, LLC	United States
	LPC Frederickson 5, LLC	United States
	LPC Frederickson 5-a, LLC	United States
	LPC Frederickson 6, LLC	United States
	LPC Jessup I, LLC	United States
	LPC Kenosha Holding Company III, LLC	United States
	LPC Kenosha Holding Company, LLC	United States
	LPC Kenosha I, LLC	United States
	LPC Kenosha III, LLC	United States
	LPC Pocono I, LLC	United States
	LPC Southport I, LLC	United States
	LPC Southport II, LLC	United States
	LPC Southport III, LLC	United States
	LPC Southport IV, LLC	United States
	LPC Venture I, 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
486592	Macquarie Aerospace AF (Ireland) Limited	Ireland
WK-228185	Macquarie Aerospace Finance 39414-1 Limited	Cayman Islands
BR018331	Macquarie Aerospace Finance 39414-1 Limited, UK Branch	United Kingdom
07575063	Macquarie Aerospace Finance 39414-2 Limited	United Kingdom

556860-1602	Macquarie Aerospace Finance 39425 AB	Sweden
997 538 161	Macquarie Aerospace Finance 39429 AS	Norway
IT-298288	Macquarie Aerospace Finance 39429 Limited	Cayman Islands
BR018337	Macquarie Aerospace Finance 39429 Limited, UK Branch	United Kingdom
537804	Macquarie Aerospace Finance 39437 Limited	Ireland
WK-285119	Macquarie Aerospace Finance 39438 Limited	Cayman Islands
WK-286855	Macquarie Aerospace Finance 39440 Limited	Cayman Islands
571997	Macquarie Aerospace Finance 39442 Limited	Ireland
571998	Macquarie Aerospace Finance 40967 Limited	Ireland
7695532	Macquarie Aerospace Finance 4257-2 Limited	United Kingdom
996 790 827	Macquarie Aerospace Finance 4720 AS	Norway
498271	Macquarie Aerospace Finance 4720-1 Limited	Ireland
498680	Macquarie Aerospace Finance 4720-2 Limited	Ireland
BR018338	Macquarie Aerospace Finance 4720-2 Limited, UK Branch	United Kingdom
504303	Macquarie Aerospace Finance 5027 Limited	Ireland
504304	Macquarie Aerospace Finance 5090 Limited	Ireland
508880	Macquarie Aerospace Finance 5092 Limited	Ireland
266822	Macquarie Aerospace Finance 5178 Limited	Cayman Islands
BR018323	Macquarie Aerospace Finance 5178 Limited, UK Branch	United Kingdom
517127	Macquarie Aerospace Finance 5315 Limited	Ireland
BR018350	Macquarie Aerospace Finance 5315 Limited, UK Branch	United Kingdom
516215	Macquarie Aerospace Finance 5403 Limited	Ireland
7802517	Macquarie Aerospace Finance 5433 Limited	United Kingdom
516216	Macquarie Aerospace Finance 5466 Limited	Ireland
07802521	Macquarie Aerospace Finance 5482-2 Limited	United Kingdom
527101	Macquarie Aerospace Finance 5673 Limited	Ireland
BR018349	Macquarie Aerospace Finance 5673 Limited, UK Branch	United Kingdom
WK-27905	Macquarie Aerospace Finance 5742 Limited	Cayman Islands
BR018342	Macquarie Aerospace Finance 5742 Limited, UK Branch	United Kingdom
999184650	Macquarie Aerospace Finance 5773 AS	Norway
WK-280125	Macquarie Aerospace Finance 5773 Limited	Cayman Islands
BR018339	Macquarie Aerospace Finance 5773 Limited, UK Branch	United Kingdom
533279	Macquarie Aerospace Finance 5822-1 Limited	Ireland
WK-281265	Macquarie Aerospace Finance 5822-2 Limited	Cayman Islands
BR018332	Macquarie Aerospace Finance 5822-2 Limited, UK Branch	United Kingdom
912 510 352	Macquarie Aerospace Finance 5844 AS	Norway
WK-281267	Macquarie Aerospace Finance 5844 Limited	Cayman Islands
BR018346	Macquarie Aerospace Finance 5844 Limited, UK Branch	United Kingdom
WK-281268	Macquarie Aerospace Finance 5857-1 Limited	Cayman Islands
BR018345	Macquarie Aerospace Finance 5857-1 Limited, UK Branch	United Kingdom
8705337	Macquarie Aerospace Finance 5857-2 Limited	United Kingdom
WK-281249	Macquarie Aerospace Finance 5892-1 Limited	Cayman Islands
BR018335	Macquarie Aerospace Finance 5892-1 Limited, UK Branch	United Kingdom
8704469	Macquarie Aerospace Finance 5892-2 Limited	United Kingdom
WK-281316	Macquarie Aerospace Finance 5951-1 Limited	Cayman Islands
BR018340	Macquarie Aerospace Finance 5951-1 Limited, UK Branch	United Kingdom
8705352	Macquarie Aerospace Finance 5951-2 Limited	United Kingdom
WK-281315	Macquarie Aerospace Finance 5979-1 Limited	Cayman Islands
BR018324	Macquarie Aerospace Finance 5979-1 Limited, UK Branch	United Kingdom
8704473	Macquarie Aerospace Finance 5979-2 Limited	United Kingdom
WK-285115	Macquarie Aerospace Finance 5996 Limited	Cayman Islands
539973	Macquarie Aerospace Finance 6025-1 Limited	Ireland
WK-285274	Macquarie Aerospace Finance 6025-2 Limited	Cayman Islands
BR018348	Macquarie Aerospace Finance 6025-2 Limited, UK Branch	United Kingdom
539286	Macquarie Aerospace Finance 6039/6535 Limited	Ireland
BR018341	Macquarie Aerospace Finance 6039/6535 Limited, UK Branch	United Kingdom
541007	Macquarie Aerospace Finance 6045 Limited	Ireland
BR018347	Macquarie Aerospace Finance 6045 Limited, UK Branch	United Kingdom
541008	Macquarie Aerospace Finance 6079 Limited	Ireland
BR018330	Macquarie Aerospace Finance 6079 Limited, UK Branch	United Kingdom
541009	Macquarie Aerospace Finance 6081 Limited	Ireland
BR018321	Macquarie Aerospace Finance 6081 Limited, UK Branch	United Kingdom
WK-285849	Macquarie Aerospace Finance 6113-1 Limited	Cayman Islands
BR018353	Macquarie Aerospace Finance 6113-1 Limited, UK Branch	United Kingdom
8934030	Macquarie Aerospace Finance 6113-2 Limited	United Kingdom
WK-285848	Macquarie Aerospace Finance 6140-1 Limited	Cayman Islands
BR018334	Macquarie Aerospace Finance 6140-1 Limited, UK Branch	United Kingdom
8934031	Macquarie Aerospace Finance 6140-2 Limited	United Kingdom
547276	Macquarie Aerospace Finance 6220 Limited	Ireland
290012	Macquarie Aerospace Finance 6242 Limited	Cayman Islands
BR018343	Macquarie Aerospace Finance 6242 Limited, UK Branch	United Kingdom
291538	Macquarie Aerospace Finance 6254-1 Limited	Cayman Islands
BR018352	Macquarie Aerospace Finance 6254-1 Limited, UK Branch	United Kingdom
9210708	Macquarie Aerospace Finance 6254-2 Limited	United Kingdom
IT-291873	Macquarie Aerospace Finance 6288 Limited	Cayman Islands
913 285 700	Macquarie Aerospace Finance 6320 AS	Norway

IT-292643	Macquarie Aerospace Finance 6320 Limited	Cayman Islands
BR018326	Macquarie Aerospace Finance 6320 Limited, UK Branch	United Kingdom
IT-291847	Macquarie Aerospace Finance 6321 Limited	Cayman Islands
914599474	Macquarie Aerospace Finance 6422 AS	Norway
IT-294038	Macquarie Aerospace Finance 6422 Limited	Cayman Islands
BR018327	Macquarie Aerospace Finance 6422 Limited, UK Branch	United Kingdom
WK-269465	Macquarie Aerospace Finance Limited	Cayman Islands
BR018366	Macquarie Aerospace Finance Limited, UK Branch	United Kingdom
9458807	Macquarie Aerospace Finance UK Limited	United Kingdom
	Macquarie Aerospace Finance US Holdings LLC	United States
	Macquarie Aerospace Finance US LLC	United States
	Macquarie Aerospace Holdings Inc.	United States
9457141	Macquarie Aerospace Holdings UK Limited	United Kingdom
06863307	Macquarie Aerospace Investments Limited	United Kingdom
484423	Macquarie Aerospace Ireland Limited	Ireland
44138	MACQUARIE AEROSPACE LIMITED	Bermuda
906393	Macquarie Aerospace Limited, Dublin Branch	Ireland
27-2669479	Macquarie Aerospace LLC	United States
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
82-4881742	Macquarie Aircraft Leasing Inc.	United States
426824	Macquarie Aircraft Leasing Limited	Ireland
139 654 407	MACQUARIE AIRCRAFT LEASING PTY LIMITED	Australia
130 643 319	MACQUARIE AIRCRAFT LEASING SERVICES (AUSTRALIA) PTY LTD	Australia
429566	Macquarie Aircraft Leasing Services (Ireland) Limited	Ireland
200917376C	Macquarie Aircraft Leasing Services (Singapore) Pte. Ltd.	Singapore
5988531	Macquarie Aircraft Leasing Services (UK) Limited	United Kingdom
	Macquarie Aircraft Leasing Services (US), Inc.	United States
	MACQUARIE AIRCRAFT LEASING TRUST A	Australia
435319	Macquarie AirFinance (No 2) Limited	Ireland
464499	Macquarie AirFinance Acquisitions (Ireland) Limited	Ireland
LL09680	Macquarie AirFinance Acquisitions (Labuan) Limited	Malaysia
6767724	Macquarie AirFinance Acquisitions (UK) Limited	United Kingdom
41289	Macquarie AirFinance Acquisitions Limited	Bermuda
905881	Macquarie AirFinance Acquisitions Limited, Dublin Branch	Ireland
41212.0	Macquarie AirFinance Aruba A.V.V.	Aruba
11177091	Macquarie AirFinance Group Limited	United Kingdom
11179876	Macquarie AirFinance Holdings Limited	United Kingdom
11958743	Macquarie AirFinance Limited	United Kingdom
38946	Macquarie AirFinance Ltd.	Bermuda
905984	Macquarie AirFinance Ltd., Dublin Branch	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
368579	MACQUARIE AVIATION CAPITAL FINANCE LIMITED	Ireland
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
104-84-07697	MACQUARIE BANK LIMITED (SEOUL BRANCH)	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
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 Deuts	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	Canada
1079073	Macquarie Capital Markets North America Ltd./Marchés Financiers Macquarie A	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.2/9/20	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED, Indonesia Rep. O	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 DEUTSCH	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	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
20-5962618	MACQUARIE DYNAMIC MANAGEMENT (USA) INC	United States
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	Hong Kong
143365673	Macquarie Emerging Markets Investments Pty Ltd	Australia
127185719	MACQUARIE EMG HOLDINGS PTY LIMITED	Australia
22.084.882/0001-53	Macquarie Energia Brasil Comercializadora Ltda.	Brazil
CNPJ 19.641.624/0001-16	Macquarie Energia Brasil Ltda.	Brazil
6643795	Macquarie Energy Canada Ltd.	Canada
664374-4	Macquarie Energy Holdings Canada Ltd.	Canada
122300592	MACQUARIE ENERGY HOLDINGS PTY LTD	Australia
TDP 09.03.6.73.02806	MACQUARIE ENERGY HOLDINGS PTY LTD, Indonesia Foreign Trade Repres	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	South Africa
262381	MACQUARIE EQUIPMENT FINANCE LIMITED	New Zealand
605377-7	Macquarie Equipment Finance Ltd./Macquarie Financement d'Équipement Ltée.	Canada
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 BRANCH)	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
06863285	Macquarie Factoring (UK) Limited	United Kingdom
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 2	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
1040468-3	Macquarie Funding 4 Ltd.	Canada
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
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 LTD	Australia
20-8983535	Macquarie Global Opportunities Partners LLC	United States
	Macquarie Global Services (USA) LLC	United States
U93090DL2007FTC199006	MACQUARIE GLOBAL SERVICES PRIVATE LIMITED	India

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. LIM	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	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
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. LI	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMIT	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 - SING	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
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) CO. LTD.	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 Office)	Italy
HRB 235204	Macquarie Investment Management Europe Limited, Niederlassung München	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
n/a	Macquarie Investments LLC	United States
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)	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
099 813 028	MACQUARIE MASTER GEARED GROWTH FUND	Australia
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 2	Singapore
6798497	Macquarie New World Gaming Canada Ltd.	Canada
N/A	Macquarie New World Gaming Partnership	Canada
	Macquarie NG-KIH Holdings, LLC	United States
123851436	MACQUARIE NOOSA PTY LTD	Australia
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
770975-7	Macquarie Oil Services Canada Ltd.	Canada
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
116782006	MACQUARIE PRIVATE CAPITAL MANAGEMENT PTY LIMITED (IN DEREGIS	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 LI	Australia
625995324	MACQUARIE REAL ESTATE INVESTMENT HOLDING (AUSTRALIA) PTY LIM	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	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	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 REPRESENTA	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 Servicos Agricolas 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 P	Australia
HRB 87430	Macquarie Structured Products (Europe) GmbH	Germany
2009/012427/10	Macquarie Structured Products (International) Limited (Registered as an external	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
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 Treuermögen 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
WK-66690	MALL Partners I, LDC	Cayman Islands
CR-86503	MALL Partners II Limited	Cayman Islands
CR-93169	MALL Partners III Limited	Cayman Islands
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
11909504	Markbygden Investments (UK) Limited	United Kingdom
	MARQUETTE COUNTY SOLAR PROJECT, LLC	United States

432-87-01022	MARU SOLAR COMPANY LIMITED	Korea, Republic of
509 298 634 RCS Paris	MASC (France) SARL	France
446196	MASL Ireland (11) Limited	Ireland
446206	MASL Ireland (13) Limited	Ireland
446207	MASL Ireland (14) Limited	Ireland
446191	MASL Ireland (22) Limited	Ireland
447980	MASL Ireland (28) Limited	Ireland
447981	MASL Ireland (29) Limited	Ireland
447983	MASL Ireland (31) Limited	Ireland
451456	MASL Ireland (34) Limited	Ireland
451173	MASL Ireland (35) Limited	Ireland
446203	MASL Ireland (4) Limited	Ireland
446201	MASL Ireland (6) Limited	Ireland
446200	MASL Ireland (7) Limited	Ireland
446199	MASL Ireland (8) Limited	Ireland
556734-5524	MASL Sweden (1) AB	Sweden
556741-2506	MASL Sweden (8) AB	Sweden
06386342	MASL UK (1) Limited	United Kingdom
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
568712	Merino Aerospace Finance 35845 Limited	Ireland
BR018328	Merino Aerospace Finance 35845 Limited, UK Branch	United Kingdom
568713	Merino Aerospace Finance 36566 Limited	Ireland
BR018344	Merino Aerospace Finance 36566 Limited, UK Branch	United Kingdom
568710	Merino Aerospace Finance 36707 Limited	Ireland
568711	Merino Aerospace Finance 4257-1 Limited	Ireland
BR018329	Merino Aerospace Finance 4257-1 Limited, UK Branch	United Kingdom
570137	Merino Aerospace Finance 5482-1 Limited	Ireland
BR018325	Merino Aerospace Finance 5482-1 Limited, UK Branch	United Kingdom
471151	Merino Aerospace Finance 6218 Limited	Ireland
568706	Merino Aerospace Finance 6350 Limited	Ireland
BR018336	Merino Aerospace Finance 6350 Limited, UK Branch	United Kingdom
568714	Merino Aerospace Finance 6375 Limited	Ireland
BR018423	Merino Aerospace Finance 6375 Limited, UK Branch	United Kingdom
568707	Merino Aerospace Finance 6458 Limited	Ireland
BR018322	Merino Aerospace Finance 6458 Limited, UK Branch	United Kingdom
568708	Merino Aerospace Finance 6500 Limited	Ireland
BR018333	Merino Aerospace Finance 6500 Limited, UK Branch	United Kingdom
568709	Merino Aerospace Finance 6538 Limited	Ireland
BR018351	Merino Aerospace Finance 6538 Limited, UK Branch	United Kingdom
61686	MGIDF Guernsey GP Limited	Guernsey
200708397H	MGJ HOLDINGS PTE. LIMITED	Singapore
20-8983572	MGOP Feeder I GP LLC	United States
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
237-81-01255	MIR SOLAR COMPANY LIMITED	Korea, Republic of
	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
0100-02-032951	MJL ACE LTD.	Japan
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
MC-162571	MQ ABSOLUTE RETURN STRATEGIES - ASIA	Cayman Islands
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
	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
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
	Northeast Property Owner LLC	United States
559176-0623	Notus Wind Holdings AB	Sweden
624 080 404	NU MOBILE PTY LIMITED	Australia
610961165	NUIX HOLDING PTY LTD	Australia
496300	Nuix Ireland Limited	Ireland
	Nuix North America Inc	United States
FS201607067	NUIX PHILIPPINES REGIONAL OPERATING HEADQUARTERS	Philippines
201536944Z	NUIX PTE. LTD.	Singapore
117140235	Nuix Pty Ltd	Australia
07945899	Nuix Technology UK Limited	United Kingdom
	Nuix USG Inc	United States
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

CR-114570	O'Farrell Leasing (Holdings) 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, 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
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
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
09.03.1.05.73897	PT MACQUARIE COMMODITIES INDONESIA	Indonesia
09.03.1.67.21972	PT MACQUARIE SEKURITAS INDONESIA	Indonesia
09.03.1.70.68374	PT MPM INDONESIA (In Liquidation wef 18/02/2016)	Indonesia
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 R Trust	Australia
	PUMA Series Trust 2013-1	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
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

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, 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
201420398Z	SELENE INVESTMENTS SINGAPORE PTE. LTD.	Singapore
	SETAUKET ENERGY STORAGE, LLC	United States
622787	Shannon Investco PPP Ireland GP Limited	Ireland
	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
11218550	Sonne Solar Limited	United Kingdom
638-86-01088	SOSU SOLAR COMPANY LIMITED	Korea, Republic of
80-0852389	South Carolina Sandy Tyger Investments, LLC	United States
	SOUTHERN PLAINS SOLAR PROJECT, LLC	United States
	Southport POA Logistics Park, Inc.	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
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
379-88-01242	SURI SOLAR COMPANY LIMITED	Korea, Republic of

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
	Thornwood Mortgage Opportunity Fund, L.P.	United States
38771, Folio 70, hoja M-68930	Ticopa Servicios Empresariales, S.L.	Spain
80-0939458	TN - PTH, LLC	United States
	TRAMS ABS Series 2015-1	Australia
	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 CHESAPEAKE SOLAR PROJECT, LLC	United States
	TWE DILLON SOLAR PROJECT, LLC	United States
	TWE HERMAN SOLAR PROJECT, LLC	United States
	TWE KELLER SOLAR PROJECT, LLC	United States
	TWE KIDMAN SOLAR PROJECT, LLC	United States
	TWE LONGNECKER SOLAR PROJECT, LLC	United States
	TWE MYRTLE SOLAR PROJECT, LLC	United States
	TWE STAMP BAINBRIDGE SOLAR PROJECT, LLC	United States
	TWE STAMP HILLTOP SOLAR PROJECT, LLC	United States
	TWE SUTHERLAND SOLAR PROJECT, LLC	United States
986 736 565	Tysvaer Vindpark AS	Norway
09243327	UK Green Community Lending Limited	United Kingdom
09299753	UK Green Investment (OSW) GP 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	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
WK-166995	West Portal Leasing Limited	Cayman Islands
	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
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

ANNEXURE 'B'

This is the annexure marked 'B' of 7 pages referred to in the Notice of initial substantial holder.

Dennis Leong
Company Secretary, Macquarie Group Limited
26 June 2019

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
23-May-19	MIML	On market purchase	AUD 0.19	9,607	FPO	9,607
23-May-19	MIML	On market sale	AUD 0.19	-13,736	FPO	13,736
23-May-19	MIML	On market sale	AUD 0.19	-6,165	FPO	6,165
23-May-19	MIML	On market sale	AUD 0.19	-23,582	FPO	23,582
24-May-19	MIML	On market sale	AUD 0.19	-35,902	FPO	35,902
27-May-19	MIML	On market sale	AUD 0.19	-25,745	FPO	25,745
27-May-19	MIML	On market sale	AUD 0.19	-10,362	FPO	10,362
27-May-19	MIML	On market sale	AUD 0.19	-16,515	FPO	16,515
28-May-19	MIML	On market sale	AUD 0.18	-7,557	FPO	7,557
28-May-19	MIML	On market purchase	AUD 0.19	5,783	FPO	5,783
28-May-19	MIML	On market sale	AUD 0.18	-8,209	FPO	8,209
29-May-19	MIML	On market sale	AUD 0.16	-1,656	FPO	1,656
29-May-19	MIML	On market sale	AUD 0.16	-4,321	FPO	4,321
30-May-19	MIML	Transfer out - client account	AUD 0.00	-175,221	FPO	175,221
30-May-19	MIML	On market purchase	AUD 0.15	30,088	FPO	30,088
30-May-19	MIML	On market sale	AUD 0.15	-28,450	FPO	28,450
30-May-19	MIML	On market sale	AUD 0.15	-24,078	FPO	24,078
31-May-19	MIML	On market purchase	AUD 0.16	23,900	FPO	23,900
31-May-19	MIML	On market sale	AUD 0.16	-43,242	FPO	43,242
03-Jun-19	MIML	On market sale	AUD 0.14	-12,177	FPO	12,177
03-Jun-19	MIML	On market sale	AUD 0.14	-5,128	FPO	5,128
03-Jun-19	MIML	On market sale	AUD 0.14	-5,124	FPO	5,124
03-Jun-19	MIML	On market sale	AUD 0.14	-95,861	FPO	95,861
03-Jun-19	MIML	On market sale	AUD 0.14	-187,486	FPO	187,486
03-Jun-19	MIML	On market sale	AUD 0.14	-38,719	FPO	38,719
03-Jun-19	MIML	On market sale	AUD 0.14	-9,259	FPO	9,259
03-Jun-19	MIML	On market sale	AUD 0.14	-31,956	FPO	31,956
03-Jun-19	MIML	On market sale	AUD 0.14	-36,918	FPO	36,918
04-Jun-19	MIML	On market sale	AUD 0.13	-36,047	FPO	36,047
04-Jun-19	MIML	On market purchase	AUD 0.14	11,246	FPO	11,246
04-Jun-19	MIML	On market purchase	AUD 0.14	11,271	FPO	11,271
05-Jun-19	MIML	On market sale	AUD 0.13	-4,958	FPO	4,958
05-Jun-19	MIML	On market sale	AUD 0.13	-2,509	FPO	2,509
05-Jun-19	MIML	On market sale	AUD 0.13	-7,654	FPO	7,654
05-Jun-19	MIML	On market sale	AUD 0.13	-9,708	FPO	9,708
05-Jun-19	MIML	On market sale	AUD 0.13	-6,254	FPO	6,254
05-Jun-19	MIML	On market sale	AUD 0.13	-9,152	FPO	9,152
05-Jun-19	MIML	On market sale	AUD 0.13	-1,884	FPO	1,884
05-Jun-19	MIML	On market sale	AUD 0.13	-7,765	FPO	7,765
05-Jun-19	MIML	On market sale	AUD 0.13	-9,577	FPO	9,577
05-Jun-19	MIML	On market sale	AUD 0.13	-3,815	FPO	3,815
05-Jun-19	MIML	On market sale	AUD 0.13	-3,796	FPO	3,796
05-Jun-19	MIML	On market sale	AUD 0.13	-18,535	FPO	18,535
05-Jun-19	MIML	On market sale	AUD 0.13	-11,533	FPO	11,533
05-Jun-19	MIML	On market sale	AUD 0.13	-13,802	FPO	13,802
05-Jun-19	MIML	On market sale	AUD 0.13	-9,053	FPO	9,053
05-Jun-19	MIML	On market sale	AUD 0.13	-14,193	FPO	14,193
06-Jun-19	MIML	On market sale	AUD 0.13	-10,855	FPO	10,855
06-Jun-19	MIML	On market sale	AUD 0.13	-16,490	FPO	16,490
06-Jun-19	MIML	On market sale	AUD 0.13	-6,517	FPO	6,517
07-Jun-19	MIML	On market sale	AUD 0.12	-28,353	FPO	28,353
07-Jun-19	MIML	On market sale	AUD 0.12	-3,274	FPO	3,274
07-Jun-19	MIML	On market sale	AUD 0.12	-2,999	FPO	2,999
07-Jun-19	MIML	On market sale	AUD 0.12	-2,747	FPO	2,747
07-Jun-19	MIML	On market sale	AUD 0.12	-41,672	FPO	41,672
07-Jun-19	MIML	On market sale	AUD 0.12	-6,770	FPO	6,770
07-Jun-19	MIML	On market sale	AUD 0.12	-62,400	FPO	62,400
07-Jun-19	MIML	On market sale	AUD 0.12	-781	FPO	781
07-Jun-19	MIML	On market purchase	AUD 0.12	8,333	FPO	8,333
11-Jun-19	MIML	On market sale	AUD 0.13	-35,845	FPO	35,845

11-Jun-19	MIML	On market sale	AUD 0.13	-20,639	FPO	20,639
11-Jun-19	MIML	On market sale	AUD 0.13	-17,081	FPO	17,081
11-Jun-19	MIML	On market sale	AUD 0.13	-44,394	FPO	44,394
11-Jun-19	MIML	On market sale	AUD 0.13	-45,588	FPO	45,588
11-Jun-19	MIML	On market sale	AUD 0.13	-17,888	FPO	17,888
11-Jun-19	MIML	On market sale	AUD 0.13	-12,721	FPO	12,721
11-Jun-19	MIML	On market sale	AUD 0.13	-12,173	FPO	12,173
11-Jun-19	MIML	On market sale	AUD 0.13	-17,796	FPO	17,796
11-Jun-19	MIML	On market purchase	AUD 0.14	4,824	FPO	4,824
12-Jun-19	MIML	On market sale	AUD 0.13	-10,815	FPO	10,815
12-Jun-19	MIML	On market sale	AUD 0.13	-10,437	FPO	10,437
12-Jun-19	MIML	On market sale	AUD 0.13	-5,146	FPO	5,146
12-Jun-19	MIML	On market sale	AUD 0.13	-6,609	FPO	6,609
12-Jun-19	MIML	On market sale	AUD 0.13	-24,154	FPO	24,154
12-Jun-19	MIML	On market sale	AUD 0.13	-4,279	FPO	4,279
12-Jun-19	MIML	On market sale	AUD 0.13	-15,838	FPO	15,838
13-Jun-19	MIML	On market sale	AUD 0.13	-51,606	FPO	51,606
14-Jun-19	MIML	On market sale	AUD 0.13	-38,006	FPO	38,006
14-Jun-19	MIML	On market sale	AUD 0.13	-5,219	FPO	5,219
17-Jun-19	MIML	On market sale	AUD 0.12	-22,411	FPO	22,411
21-Jun-19	MIML	On market purchase	AUD 0.11	935	FPO	935
21-Jun-19	MIML	On market purchase	AUD 0.11	2,255	FPO	2,255
21-Jun-19	MIML	On market purchase	AUD 0.11	3,558	FPO	3,558
21-Jun-19	MIML	On market purchase	AUD 0.11	3,250	FPO	3,250
21-Jun-19	MIML	On market purchase	AUD 0.11	7,600	FPO	7,600
21-Jun-19	MIML	On market purchase	AUD 0.11	2,301	FPO	2,301
21-Jun-19	MIML	On market purchase	AUD 0.11	8,172	FPO	8,172
21-Jun-19	MIML	On market purchase	AUD 0.11	1,287	FPO	1,287
21-Jun-19	MIML	On market purchase	AUD 0.11	2,233	FPO	2,233
21-Jun-19	MIML	On market purchase	AUD 0.11	1,288	FPO	1,288
21-Jun-19	MIML	On market purchase	AUD 0.11	549	FPO	549
21-Jun-19	MIML	On market purchase	AUD 0.11	3,407	FPO	3,407
21-Jun-19	MIML	On market purchase	AUD 0.11	1,114	FPO	1,114
21-Jun-19	MIML	On market purchase	AUD 0.11	6,754	FPO	6,754
21-Jun-19	MIML	On market purchase	AUD 0.11	1,086	FPO	1,086
21-Jun-19	MIML	On market purchase	AUD 0.11	4,110	FPO	4,110
21-Jun-19	MIML	On market purchase	AUD 0.11	3,771	FPO	3,771
21-Jun-19	MIML	On market purchase	AUD 0.11	2,044	FPO	2,044
21-Jun-19	MIML	On market purchase	AUD 0.11	1,019	FPO	1,019
21-Jun-19	MIML	On market purchase	AUD 0.11	1,266	FPO	1,266
21-Jun-19	MIML	On market purchase	AUD 0.11	5,132	FPO	5,132
21-Jun-19	MIML	On market purchase	AUD 0.11	2,626	FPO	2,626
21-Jun-19	MIML	On market purchase	AUD 0.11	1,100	FPO	1,100
21-Jun-19	MIML	On market purchase	AUD 0.11	598	FPO	598
21-Jun-19	MIML	On market purchase	AUD 0.11	2,916	FPO	2,916
21-Jun-19	MIML	On market purchase	AUD 0.11	2,854	FPO	2,854
21-Jun-19	MIML	On market purchase	AUD 0.11	3,017	FPO	3,017
21-Jun-19	MIML	On market purchase	AUD 0.11	7,065	FPO	7,065
21-Jun-19	MIML	On market purchase	AUD 0.11	4,340	FPO	4,340
21-Jun-19	MIML	On market purchase	AUD 0.11	3,877	FPO	3,877
21-Jun-19	MIML	On market purchase	AUD 0.11	3,898	FPO	3,898
21-Jun-19	MIML	On market purchase	AUD 0.11	788	FPO	788
21-Jun-19	MIML	On market sale	AUD 0.11	-3,164	FPO	3,164
21-Jun-19	MIML	On market purchase	AUD 0.11	5,189	FPO	5,189
21-Jun-19	MIML	On market purchase	AUD 0.11	5,499	FPO	5,499
21-Jun-19	MIML	On market purchase	AUD 0.11	9,022	FPO	9,022
21-Jun-19	MIML	On market purchase	AUD 0.11	2,163	FPO	2,163
21-Jun-19	MIML	On market purchase	AUD 0.11	3,644	FPO	3,644
21-Jun-19	MIML	On market purchase	AUD 0.11	1,570	FPO	1,570
21-Jun-19	MIML	On market purchase	AUD 0.11	557	FPO	557
21-Jun-19	MIML	On market purchase	AUD 0.11	7,918	FPO	7,918
21-Jun-19	MIML	On market purchase	AUD 0.11	3,506	FPO	3,506
21-Jun-19	MIML	On market purchase	AUD 0.11	558	FPO	558
21-Jun-19	MIML	On market purchase	AUD 0.11	14,719	FPO	14,719
21-Jun-19	MIML	On market purchase	AUD 0.11	2,246	FPO	2,246
21-Jun-19	MIML	On market purchase	AUD 0.11	3,561	FPO	3,561
21-Jun-19	MIML	On market purchase	AUD 0.11	1,508	FPO	1,508
21-Jun-19	MIML	On market purchase	AUD 0.11	3,660	FPO	3,660
21-Jun-19	MIML	On market purchase	AUD 0.11	4,678	FPO	4,678
21-Jun-19	MIML	On market purchase	AUD 0.11	5,765	FPO	5,765
21-Jun-19	MIML	On market purchase	AUD 0.11	3,968	FPO	3,968
21-Jun-19	MIML	On market purchase	AUD 0.11	2,946	FPO	2,946
21-Jun-19	MIML	On market purchase	AUD 0.11	547	FPO	547
21-Jun-19	MIML	On market purchase	AUD 0.11	8,792	FPO	8,792
21-Jun-19	MIML	On market purchase	AUD 0.11	2,092	FPO	2,092
21-Jun-19	MIML	On market purchase	AUD 0.11	8,221	FPO	8,221

21-Jun-19	MIML	On market purchase	AUD 0.11	6,686	FPO	6,686
21-Jun-19	MIML	On market purchase	AUD 0.11	4,866	FPO	4,866
21-Jun-19	MIML	On market purchase	AUD 0.11	2,763	FPO	2,763
21-Jun-19	MIML	On market purchase	AUD 0.11	5,935	FPO	5,935
21-Jun-19	MIML	On market purchase	AUD 0.11	10,189	FPO	10,189
21-Jun-19	MIML	On market purchase	AUD 0.11	1,804	FPO	1,804
21-Jun-19	MIML	On market purchase	AUD 0.11	3,055	FPO	3,055
21-Jun-19	MIML	On market purchase	AUD 0.11	6,050	FPO	6,050
21-Jun-19	MIML	On market purchase	AUD 0.11	4,189	FPO	4,189
21-Jun-19	MIML	On market purchase	AUD 0.11	5,171	FPO	5,171
21-Jun-19	MIML	On market purchase	AUD 0.11	1,142	FPO	1,142
21-Jun-19	MIML	On market purchase	AUD 0.11	3,765	FPO	3,765
21-Jun-19	MIML	On market purchase	AUD 0.11	4,202	FPO	4,202
21-Jun-19	MIML	On market purchase	AUD 0.11	979	FPO	979
21-Jun-19	MIML	On market purchase	AUD 0.11	618	FPO	618
21-Jun-19	MIML	On market purchase	AUD 0.11	707	FPO	707
21-Jun-19	MIML	On market purchase	AUD 0.11	1,516	FPO	1,516
21-Jun-19	MIML	On market purchase	AUD 0.11	7,161	FPO	7,161
21-Jun-19	MIML	On market purchase	AUD 0.11	1,464	FPO	1,464
21-Jun-19	MIML	On market purchase	AUD 0.11	1,010	FPO	1,010
21-Jun-19	MIML	On market purchase	AUD 0.11	3,674	FPO	3,674
21-Jun-19	MIML	On market purchase	AUD 0.11	2,146	FPO	2,146
21-Jun-19	MIML	On market purchase	AUD 0.11	7,811	FPO	7,811
21-Jun-19	MIML	On market purchase	AUD 0.11	2,602	FPO	2,602
21-Jun-19	MIML	On market purchase	AUD 0.11	2,861	FPO	2,861
21-Jun-19	MIML	On market purchase	AUD 0.11	1,025	FPO	1,025
21-Jun-19	MIML	On market purchase	AUD 0.11	5,288	FPO	5,288
21-Jun-19	MIML	On market purchase	AUD 0.11	1,495	FPO	1,495
21-Jun-19	MIML	On market purchase	AUD 0.11	2,971	FPO	2,971
21-Jun-19	MIML	On market purchase	AUD 0.11	8,249	FPO	8,249
21-Jun-19	MIML	On market purchase	AUD 0.11	2,343	FPO	2,343
21-Jun-19	MIML	On market purchase	AUD 0.11	572	FPO	572
21-Jun-19	MIML	On market purchase	AUD 0.11	2,581	FPO	2,581
21-Jun-19	MIML	On market purchase	AUD 0.11	5,798	FPO	5,798
21-Jun-19	MIML	On market purchase	AUD 0.11	4,033	FPO	4,033
21-Jun-19	MIML	On market purchase	AUD 0.11	4,973	FPO	4,973
21-Jun-19	MIML	On market purchase	AUD 0.11	3,319	FPO	3,319
21-Jun-19	MIML	On market purchase	AUD 0.11	3,734	FPO	3,734
21-Jun-19	MIML	On market purchase	AUD 0.11	857	FPO	857
21-Jun-19	MIML	On market purchase	AUD 0.11	2,561	FPO	2,561
21-Jun-19	MIML	On market purchase	AUD 0.11	4,616	FPO	4,616
21-Jun-19	MIML	On market purchase	AUD 0.11	3,883	FPO	3,883
21-Jun-19	MIML	On market purchase	AUD 0.11	4,646	FPO	4,646
21-Jun-19	MIML	On market purchase	AUD 0.11	9,382	FPO	9,382
21-Jun-19	MIML	On market purchase	AUD 0.11	6,368	FPO	6,368
21-Jun-19	MIML	On market purchase	AUD 0.11	2,846	FPO	2,846
21-Jun-19	MIML	On market purchase	AUD 0.11	5,302	FPO	5,302
21-Jun-19	MIML	On market purchase	AUD 0.11	6,169	FPO	6,169
21-Jun-19	MIML	On market purchase	AUD 0.11	587	FPO	587
21-Jun-19	MIML	On market purchase	AUD 0.11	1,488	FPO	1,488
21-Jun-19	MIML	On market purchase	AUD 0.11	1,032	FPO	1,032
21-Jun-19	MIML	On market purchase	AUD 0.11	5,787	FPO	5,787
21-Jun-19	MIML	On market purchase	AUD 0.11	13,079	FPO	13,079
21-Jun-19	MIML	On market purchase	AUD 0.11	11,477	FPO	11,477
21-Jun-19	MIML	On market purchase	AUD 0.11	10,711	FPO	10,711
21-Jun-19	MIML	On market purchase	AUD 0.11	1,376	FPO	1,376
21-Jun-19	MIML	On market purchase	AUD 0.11	584	FPO	584
21-Jun-19	MIML	On market purchase	AUD 0.11	1,857	FPO	1,857
21-Jun-19	MIML	On market purchase	AUD 0.11	2,684	FPO	2,684
21-Jun-19	MIML	On market purchase	AUD 0.11	3,579	FPO	3,579
21-Jun-19	MIML	On market purchase	AUD 0.11	11,952	FPO	11,952
21-Jun-19	MIML	On market purchase	AUD 0.11	4,734	FPO	4,734
21-Jun-19	MIML	On market purchase	AUD 0.11	5,827	FPO	5,827
21-Jun-19	MIML	On market purchase	AUD 0.11	3,701	FPO	3,701
21-Jun-19	MIML	On market purchase	AUD 0.11	2,314	FPO	2,314
21-Jun-19	MIML	On market purchase	AUD 0.11	1,324	FPO	1,324
21-Jun-19	MIML	On market sale	AUD 0.11	-2,937	FPO	2,937
21-Jun-19	MIML	On market purchase	AUD 0.11	1,135	FPO	1,135
21-Jun-19	MIML	On market purchase	AUD 0.11	5,015	FPO	5,015
21-Jun-19	MIML	On market purchase	AUD 0.11	5,715	FPO	5,715
21-Jun-19	MIML	On market purchase	AUD 0.11	2,779	FPO	2,779
21-Jun-19	MIML	On market purchase	AUD 0.11	1,283	FPO	1,283
21-Jun-19	MIML	On market purchase	AUD 0.11	8,677	FPO	8,677
21-Jun-19	MIML	On market purchase	AUD 0.11	3,967	FPO	3,967
21-Jun-19	MIML	On market purchase	AUD 0.11	1,336	FPO	1,336
21-Jun-19	MIML	On market purchase	AUD 0.11	2,146	FPO	2,146

21-Jun-19	MIML	On market purchase	AUD 0.11	3,925	FPO	3,925
21-Jun-19	MIML	On market purchase	AUD 0.11	4,291	FPO	4,291
21-Jun-19	MIML	On market purchase	AUD 0.11	5,693	FPO	5,693
21-Jun-19	MIML	On market purchase	AUD 0.11	5,640	FPO	5,640
21-Jun-19	MIML	On market purchase	AUD 0.11	4,575	FPO	4,575
21-Jun-19	MIML	On market purchase	AUD 0.11	5,449	FPO	5,449
21-Jun-19	MIML	On market purchase	AUD 0.11	2,052	FPO	2,052
21-Jun-19	MIML	On market purchase	AUD 0.11	5,083	FPO	5,083
21-Jun-19	MIML	On market purchase	AUD 0.11	1,273	FPO	1,273
21-Jun-19	MIML	On market purchase	AUD 0.11	5,515	FPO	5,515
21-Jun-19	MIML	On market purchase	AUD 0.11	11,942	FPO	11,942
21-Jun-19	MIML	On market sale	AUD 0.11	-8,351	FPO	8,351
21-Jun-19	MIML	On market purchase	AUD 0.11	5,996	FPO	5,996
21-Jun-19	MIML	On market purchase	AUD 0.11	9,079	FPO	9,079
21-Jun-19	MIML	On market purchase	AUD 0.11	2,796	FPO	2,796
21-Jun-19	MIML	On market purchase	AUD 0.11	1,074	FPO	1,074
21-Jun-19	MIML	On market purchase	AUD 0.11	555	FPO	555
21-Jun-19	MIML	On market purchase	AUD 0.11	6,752	FPO	6,752
21-Jun-19	MIML	On market purchase	AUD 0.11	644	FPO	644
21-Jun-19	MIML	On market purchase	AUD 0.11	3,119	FPO	3,119
21-Jun-19	MIML	On market purchase	AUD 0.11	6,044	FPO	6,044
21-Jun-19	MIML	On market purchase	AUD 0.11	4,940	FPO	4,940
21-Jun-19	MIML	On market purchase	AUD 0.11	2,892	FPO	2,892
21-Jun-19	MIML	On market purchase	AUD 0.11	1,325	FPO	1,325
21-Jun-19	MIML	On market purchase	AUD 0.11	2,887	FPO	2,887
21-Jun-19	MIML	On market purchase	AUD 0.11	911	FPO	911
21-Jun-19	MIML	On market purchase	AUD 0.11	7,296	FPO	7,296
21-Jun-19	MIML	On market purchase	AUD 0.11	5,385	FPO	5,385
21-Jun-19	MIML	On market purchase	AUD 0.11	2,687	FPO	2,687
21-Jun-19	MIML	On market purchase	AUD 0.11	8,348	FPO	8,348
21-Jun-19	MIML	On market purchase	AUD 0.11	1,220	FPO	1,220
21-Jun-19	MIML	On market purchase	AUD 0.11	881	FPO	881
21-Jun-19	MIML	On market purchase	AUD 0.11	684	FPO	684
21-Jun-19	MIML	On market purchase	AUD 0.11	3,203	FPO	3,203
21-Jun-19	MIML	On market purchase	AUD 0.11	801	FPO	801
21-Jun-19	MIML	On market purchase	AUD 0.11	798	FPO	798
21-Jun-19	MIML	On market purchase	AUD 0.11	1,715	FPO	1,715
21-Jun-19	MIML	On market purchase	AUD 0.11	832	FPO	832
21-Jun-19	MIML	On market purchase	AUD 0.11	1,356	FPO	1,356
21-Jun-19	MIML	On market purchase	AUD 0.11	3,567	FPO	3,567
21-Jun-19	MIML	On market purchase	AUD 0.11	1,314	FPO	1,314
21-Jun-19	MIML	On market purchase	AUD 0.11	4,469	FPO	4,469
21-Jun-19	MIML	On market purchase	AUD 0.11	5,044	FPO	5,044
21-Jun-19	MIML	On market purchase	AUD 0.11	3,227	FPO	3,227
21-Jun-19	MIML	On market purchase	AUD 0.11	1,889	FPO	1,889
21-Jun-19	MIML	On market purchase	AUD 0.11	1,538	FPO	1,538
21-Jun-19	MIML	On market purchase	AUD 0.11	5,174	FPO	5,174
21-Jun-19	MIML	On market purchase	AUD 0.11	6,937	FPO	6,937
21-Jun-19	MIML	On market purchase	AUD 0.11	7,333	FPO	7,333
21-Jun-19	MIML	On market purchase	AUD 0.11	2,509	FPO	2,509
21-Jun-19	MIML	On market purchase	AUD 0.11	6,085	FPO	6,085
21-Jun-19	MIML	On market purchase	AUD 0.11	8,265	FPO	8,265
21-Jun-19	MIML	On market purchase	AUD 0.11	3,072	FPO	3,072
21-Jun-19	MIML	On market purchase	AUD 0.11	4,828	FPO	4,828
21-Jun-19	MIML	On market purchase	AUD 0.11	1,899	FPO	1,899
21-Jun-19	MIML	On market purchase	AUD 0.11	4,991	FPO	4,991
21-Jun-19	MIML	On market purchase	AUD 0.11	5,918	FPO	5,918
21-Jun-19	MIML	On market purchase	AUD 0.11	1,934	FPO	1,934
21-Jun-19	MIML	On market purchase	AUD 0.11	1,702	FPO	1,702
21-Jun-19	MIML	On market purchase	AUD 0.11	1,536	FPO	1,536
21-Jun-19	MIML	On market purchase	AUD 0.11	7,237	FPO	7,237
21-Jun-19	MIML	On market purchase	AUD 0.11	565	FPO	565
21-Jun-19	MIML	On market purchase	AUD 0.11	4,244	FPO	4,244
21-Jun-19	MIML	On market purchase	AUD 0.11	879	FPO	879
21-Jun-19	MIML	On market purchase	AUD 0.11	5,405	FPO	5,405
21-Jun-19	MIML	On market purchase	AUD 0.11	3,026	FPO	3,026
21-Jun-19	MIML	On market purchase	AUD 0.11	5,323	FPO	5,323
21-Jun-19	MIML	On market purchase	AUD 0.11	2,783	FPO	2,783
21-Jun-19	MIML	On market purchase	AUD 0.11	1,098	FPO	1,098
21-Jun-19	MIML	On market purchase	AUD 0.11	3,929	FPO	3,929
21-Jun-19	MIML	On market purchase	AUD 0.11	2,845	FPO	2,845
21-Jun-19	MIML	On market purchase	AUD 0.11	3,397	FPO	3,397
21-Jun-19	MIML	On market purchase	AUD 0.11	1,539	FPO	1,539
21-Jun-19	MIML	On market purchase	AUD 0.11	3,789	FPO	3,789
21-Jun-19	MIML	On market purchase	AUD 0.11	5,945	FPO	5,945
21-Jun-19	MIML	On market purchase	AUD 0.11	9,895	FPO	9,895

21-Jun-19	MIML	On market purchase	AUD 0.11	3,011	FPO	3,011
21-Jun-19	MIML	On market purchase	AUD 0.11	4,522	FPO	4,522
21-Jun-19	MIML	On market purchase	AUD 0.11	4,371	FPO	4,371
21-Jun-19	MIML	On market purchase	AUD 0.11	890	FPO	890
21-Jun-19	MIML	On market purchase	AUD 0.11	9,915	FPO	9,915
21-Jun-19	MIML	On market purchase	AUD 0.11	2,220	FPO	2,220
21-Jun-19	MIML	On market purchase	AUD 0.11	2,363	FPO	2,363
21-Jun-19	MIML	On market purchase	AUD 0.11	948	FPO	948
21-Jun-19	MIML	On market purchase	AUD 0.11	5,567	FPO	5,567
21-Jun-19	MIML	On market purchase	AUD 0.11	2,555	FPO	2,555
21-Jun-19	MIML	On market purchase	AUD 0.11	1,456	FPO	1,456
21-Jun-19	MIML	On market purchase	AUD 0.11	5,457	FPO	5,457
21-Jun-19	MIML	On market purchase	AUD 0.11	3,200	FPO	3,200
21-Jun-19	MIML	On market purchase	AUD 0.11	614	FPO	614
21-Jun-19	MIML	On market purchase	AUD 0.11	3,182	FPO	3,182
21-Jun-19	MIML	On market purchase	AUD 0.11	7,464	FPO	7,464
21-Jun-19	MIML	On market purchase	AUD 0.11	8,315	FPO	8,315
21-Jun-19	MIML	On market purchase	AUD 0.11	3,172	FPO	3,172
21-Jun-19	MIML	On market purchase	AUD 0.11	2,888	FPO	2,888
21-Jun-19	MIML	On market purchase	AUD 0.11	3,477	FPO	3,477
21-Jun-19	MIML	On market purchase	AUD 0.11	3,176	FPO	3,176
21-Jun-19	MIML	On market purchase	AUD 0.11	4,740	FPO	4,740
21-Jun-19	MIML	On market purchase	AUD 0.11	570	FPO	570
21-Jun-19	MIML	On market purchase	AUD 0.11	6,752	FPO	6,752
21-Jun-19	MIML	On market purchase	AUD 0.11	3,213	FPO	3,213
21-Jun-19	MIML	On market purchase	AUD 0.11	1,077	FPO	1,077
21-Jun-19	MIML	On market purchase	AUD 0.11	744	FPO	744
21-Jun-19	MIML	On market purchase	AUD 0.11	3,620	FPO	3,620
21-Jun-19	MIML	On market purchase	AUD 0.11	1,137	FPO	1,137
21-Jun-19	MIML	On market purchase	AUD 0.11	904	FPO	904
21-Jun-19	MIML	On market purchase	AUD 0.11	4,628	FPO	4,628
21-Jun-19	MIML	On market purchase	AUD 0.11	1,137	FPO	1,137
21-Jun-19	MIML	On market purchase	AUD 0.11	1,084	FPO	1,084
21-Jun-19	MIML	On market purchase	AUD 0.11	4,231	FPO	4,231
21-Jun-19	MIML	On market purchase	AUD 0.11	6,410	FPO	6,410
21-Jun-19	MIML	On market purchase	AUD 0.11	3,075	FPO	3,075
21-Jun-19	MIML	On market purchase	AUD 0.11	4,323	FPO	4,323
21-Jun-19	MIML	On market purchase	AUD 0.11	4,267	FPO	4,267
21-Jun-19	MIML	On market purchase	AUD 0.11	8,716	FPO	8,716
21-Jun-19	MIML	On market purchase	AUD 0.11	4,658	FPO	4,658
21-Jun-19	MIML	On market purchase	AUD 0.11	5,145	FPO	5,145
21-Jun-19	MIML	On market purchase	AUD 0.11	5,838	FPO	5,838
21-Jun-19	MIML	On market purchase	AUD 0.11	9,016	FPO	9,016
21-Jun-19	MIML	On market purchase	AUD 0.11	6,155	FPO	6,155
21-Jun-19	MIML	On market purchase	AUD 0.11	1,243	FPO	1,243
21-Jun-19	MIML	On market purchase	AUD 0.11	13,790	FPO	13,790
21-Jun-19	MIML	On market purchase	AUD 0.11	6,020	FPO	6,020
21-Jun-19	MIML	On market purchase	AUD 0.11	4,471	FPO	4,471
21-Jun-19	MIML	On market purchase	AUD 0.11	3,354	FPO	3,354
21-Jun-19	MIML	On market purchase	AUD 0.11	3,836	FPO	3,836
21-Jun-19	MIML	On market purchase	AUD 0.11	4,365	FPO	4,365
21-Jun-19	MIML	On market purchase	AUD 0.11	1,497	FPO	1,497
21-Jun-19	MIML	On market purchase	AUD 0.11	3,585	FPO	3,585
21-Jun-19	MIML	On market purchase	AUD 0.11	3,270	FPO	3,270
21-Jun-19	MIML	On market purchase	AUD 0.11	3,838	FPO	3,838
21-Jun-19	MIML	On market purchase	AUD 0.11	5,016	FPO	5,016
21-Jun-19	MIML	On market purchase	AUD 0.11	4,636	FPO	4,636
21-Jun-19	MIML	On market purchase	AUD 0.11	3,498	FPO	3,498
21-Jun-19	MIML	On market purchase	AUD 0.11	2,951	FPO	2,951
21-Jun-19	MIML	On market purchase	AUD 0.11	2,570	FPO	2,570
21-Jun-19	MIML	On market purchase	AUD 0.11	5,045	FPO	5,045
21-Jun-19	MIML	On market purchase	AUD 0.11	6,858	FPO	6,858
21-Jun-19	MIML	On market purchase	AUD 0.11	718	FPO	718
21-Jun-19	MIML	On market purchase	AUD 0.11	2,855	FPO	2,855
21-Jun-19	MIML	On market purchase	AUD 0.11	9,226	FPO	9,226
21-Jun-19	MIML	On market purchase	AUD 0.11	1,298	FPO	1,298
21-Jun-19	MIML	On market purchase	AUD 0.11	4,437	FPO	4,437
21-Jun-19	MIML	On market purchase	AUD 0.11	2,052	FPO	2,052
21-Jun-19	MIML	On market purchase	AUD 0.11	916	FPO	916
21-Jun-19	MIML	On market purchase	AUD 0.11	1,643	FPO	1,643
21-Jun-19	MIML	On market purchase	AUD 0.11	3,161	FPO	3,161
21-Jun-19	MIML	On market purchase	AUD 0.11	5,863	FPO	5,863
21-Jun-19	MIML	On market purchase	AUD 0.11	2,540	FPO	2,540
21-Jun-19	MIML	On market purchase	AUD 0.11	5,203	FPO	5,203
21-Jun-19	MIML	On market purchase	AUD 0.11	2,193	FPO	2,193
21-Jun-19	MIML	On market purchase	AUD 0.11	19,862	FPO	19,862

21-Jun-19	MIML	On market purchase	AUD 0.11	4,462	FPO	4,462
21-Jun-19	MIML	On market purchase	AUD 0.11	16,160	FPO	16,160
21-Jun-19	MIML	On market purchase	AUD 0.11	3,004	FPO	3,004
21-Jun-19	MIML	On market purchase	AUD 0.11	3,520	FPO	3,520
21-Jun-19	MIML	On market purchase	AUD 0.11	1,007	FPO	1,007
21-Jun-19	MIML	On market purchase	AUD 0.11	878	FPO	878
21-Jun-19	MIML	On market purchase	AUD 0.11	2,933	FPO	2,933
21-Jun-19	MIML	On market purchase	AUD 0.11	976	FPO	976
21-Jun-19	MIML	On market purchase	AUD 0.11	3,273	FPO	3,273
21-Jun-19	MIML	On market purchase	AUD 0.11	1,318	FPO	1,318
21-Jun-19	MIML	On market purchase	AUD 0.11	2,747	FPO	2,747
21-Jun-19	MIML	On market purchase	AUD 0.11	8,759	FPO	8,759
21-Jun-19	MIML	On market purchase	AUD 0.11	4,955	FPO	4,955
21-Jun-19	MIML	On market purchase	AUD 0.11	6,120	FPO	6,120
21-Jun-19	MIML	On market purchase	AUD 0.11	4,183	FPO	4,183
21-Jun-19	MIML	On market purchase	AUD 0.11	5,369	FPO	5,369
21-Jun-19	MIML	On market purchase	AUD 0.11	2,820	FPO	2,820
21-Jun-19	MIML	On market purchase	AUD 0.11	4,454	FPO	4,454
21-Jun-19	MIML	On market purchase	AUD 0.11	5,255	FPO	5,255
21-Jun-19	MIML	On market purchase	AUD 0.11	5,850	FPO	5,850
21-Jun-19	MIML	On market purchase	AUD 0.11	1,143	FPO	1,143
21-Jun-19	MIML	On market purchase	AUD 0.11	1,632	FPO	1,632
21-Jun-19	MIML	On market purchase	AUD 0.11	2,320	FPO	2,320
21-Jun-19	MIML	On market purchase	AUD 0.11	2,336	FPO	2,336
21-Jun-19	MIML	On market purchase	AUD 0.11	5,443	FPO	5,443
21-Jun-19	MIML	On market purchase	AUD 0.11	1,729	FPO	1,729
21-Jun-19	MIML	On market purchase	AUD 0.11	578	FPO	578
21-Jun-19	MIML	On market purchase	AUD 0.11	1,606	FPO	1,606
21-Jun-19	MIML	On market purchase	AUD 0.11	2,131	FPO	2,131
21-Jun-19	MIML	On market purchase	AUD 0.11	10,927	FPO	10,927
21-Jun-19	MIML	On market purchase	AUD 0.11	712	FPO	712
21-Jun-19	MIML	On market purchase	AUD 0.11	4,153	FPO	4,153
21-Jun-19	MIML	On market purchase	AUD 0.11	6,806	FPO	6,806
21-Jun-19	MIML	On market purchase	AUD 0.11	2,775	FPO	2,775
21-Jun-19	MIML	On market purchase	AUD 0.11	4,714	FPO	4,714
21-Jun-19	MIML	On market purchase	AUD 0.11	732	FPO	732
21-Jun-19	MIML	On market purchase	AUD 0.11	2,056	FPO	2,056
21-Jun-19	MIML	On market purchase	AUD 0.11	4,382	FPO	4,382
21-Jun-19	MIML	On market purchase	AUD 0.11	2,673	FPO	2,673
21-Jun-19	MIML	On market purchase	AUD 0.11	1,809	FPO	1,809
21-Jun-19	MIML	On market purchase	AUD 0.11	2,170	FPO	2,170
21-Jun-19	MIML	On market purchase	AUD 0.11	856	FPO	856
21-Jun-19	MIML	On market purchase	AUD 0.11	1,083	FPO	1,083
21-Jun-19	MIML	On market purchase	AUD 0.11	870	FPO	870
21-Jun-19	MIML	On market purchase	AUD 0.11	4,669	FPO	4,669
21-Jun-19	MIML	On market purchase	AUD 0.11	1,618	FPO	1,618
21-Jun-19	MIML	On market purchase	AUD 0.11	5,378	FPO	5,378
21-Jun-19	MIML	On market purchase	AUD 0.11	4,678	FPO	4,678
21-Jun-19	MIML	On market purchase	AUD 0.11	2,788	FPO	2,788
21-Jun-19	MIML	On market purchase	AUD 0.11	7,497	FPO	7,497
21-Jun-19	MIML	On market purchase	AUD 0.11	4,276	FPO	4,276
21-Jun-19	MIML	On market purchase	AUD 0.11	3,343	FPO	3,343
21-Jun-19	MIML	On market purchase	AUD 0.11	2,173	FPO	2,173
21-Jun-19	MIML	On market purchase	AUD 0.11	5,159	FPO	5,159
21-Jun-19	MIML	On market purchase	AUD 0.11	7,720	FPO	7,720
21-Jun-19	MIML	On market purchase	AUD 0.11	3,991	FPO	3,991
21-Jun-19	MIML	On market purchase	AUD 0.11	7,617	FPO	7,617
21-Jun-19	MIML	On market purchase	AUD 0.11	1,043	FPO	1,043
21-Jun-19	MIML	On market purchase	AUD 0.11	5,124	FPO	5,124
21-Jun-19	MIML	On market purchase	AUD 0.11	14,580	FPO	14,580
21-Jun-19	MIML	On market purchase	AUD 0.11	1,624	FPO	1,624
21-Jun-19	MIML	On market purchase	AUD 0.11	4,865	FPO	4,865
21-Jun-19	MIML	On market purchase	AUD 0.11	3,045	FPO	3,045
21-Jun-19	MIML	On market purchase	AUD 0.11	1,481	FPO	1,481
21-Jun-19	MIML	On market purchase	AUD 0.11	10,503	FPO	10,503
21-Jun-19	MIML	On market purchase	AUD 0.11	8,673	FPO	8,673
21-Jun-19	MIML	On market purchase	AUD 0.11	2,884	FPO	2,884
21-Jun-19	MIML	On market purchase	AUD 0.11	2,675	FPO	2,675
21-Jun-19	MIML	On market purchase	AUD 0.11	4,202	FPO	4,202
21-Jun-19	MIML	On market purchase	AUD 0.11	10,923	FPO	10,923
21-Jun-19	MIML	On market purchase	AUD 0.11	5,952	FPO	5,952
21-Jun-19	MIML	On market purchase	AUD 0.11	1,152	FPO	1,152
21-Jun-19	MIML	On market purchase	AUD 0.11	12,014	FPO	12,014
21-Jun-19	MIML	On market purchase	AUD 0.11	3,589	FPO	3,589
21-Jun-19	MIML	On market purchase	AUD 0.11	4,644	FPO	4,644
21-Jun-19	MIML	On market purchase	AUD 0.11	3,575	FPO	3,575

21-Jun-19	MIML	On market purchase	AUD 0.11	3,616	FPO	3,616
21-Jun-19	MIML	On market purchase	AUD 0.11	2,968	FPO	2,968
21-Jun-19	MIML	On market purchase	AUD 0.11	4,055	FPO	4,055
21-Jun-19	MIML	On market purchase	AUD 0.11	3,943	FPO	3,943
21-Jun-19	MIML	On market purchase	AUD 0.11	6,328	FPO	6,328
21-Jun-19	MIML	On market purchase	AUD 0.11	3,771	FPO	3,771
21-Jun-19	MIML	On market purchase	AUD 0.11	1,850	FPO	1,850
21-Jun-19	MIML	On market purchase	AUD 0.11	3,548	FPO	3,548
21-Jun-19	MIML	On market purchase	AUD 0.11	4,476	FPO	4,476
21-Jun-19	MIML	On market purchase	AUD 0.11	6,738	FPO	6,738
21-Jun-19	MIML	On market purchase	AUD 0.11	7,404	FPO	7,404
21-Jun-19	MIML	On market purchase	AUD 0.11	2,692	FPO	2,692
21-Jun-19	MIML	On market purchase	AUD 0.11	2,869	FPO	2,869
21-Jun-19	MIML	On market purchase	AUD 0.11	2,451	FPO	2,451
21-Jun-19	MIML	On market purchase	AUD 0.11	3,662	FPO	3,662
21-Jun-19	MIML	On market purchase	AUD 0.11	2,776	FPO	2,776
21-Jun-19	MIML	On market purchase	AUD 0.11	2,883	FPO	2,883
21-Jun-19	MIML	On market purchase	AUD 0.11	2,348	FPO	2,348
21-Jun-19	MIML	On market purchase	AUD 0.11	2,343	FPO	2,343
21-Jun-19	MIML	On market purchase	AUD 0.11	4,895	FPO	4,895
21-Jun-19	MIML	On market purchase	AUD 0.11	2,402	FPO	2,402
21-Jun-19	MIML	On market purchase	AUD 0.11	691	FPO	691
21-Jun-19	MIML	On market purchase	AUD 0.11	3,556	FPO	3,556
21-Jun-19	MIML	On market purchase	AUD 0.11	1,431	FPO	1,431
21-Jun-19	MIML	On market purchase	AUD 0.11	2,330	FPO	2,330
21-Jun-19	MIML	On market purchase	AUD 0.11	874	FPO	874
21-Jun-19	MIML	On market purchase	AUD 0.11	4,778	FPO	4,778
21-Jun-19	MIML	On market purchase	AUD 0.11	867	FPO	867
21-Jun-19	MIML	On market purchase	AUD 0.11	2,288	FPO	2,288
21-Jun-19	MIML	On market purchase	AUD 0.11	840	FPO	840
21-Jun-19	MIML	On market purchase	AUD 0.11	8,859	FPO	8,859
21-Jun-19	MIML	On market purchase	AUD 0.11	3,241	FPO	3,241
21-Jun-19	MIML	On market purchase	AUD 0.11	3,877	FPO	3,877
21-Jun-19	MIML	On market purchase	AUD 0.11	1,109	FPO	1,109
21-Jun-19	MIML	On market purchase	AUD 0.11	779	FPO	779
21-Jun-19	MIML	On market purchase	AUD 0.11	9,407	FPO	9,407
21-Jun-19	MIML	On market purchase	AUD 0.11	1,118	FPO	1,118
21-Jun-19	MIML	On market purchase	AUD 0.11	3,668	FPO	3,668
21-Jun-19	MIML	On market purchase	AUD 0.11	7,202	FPO	7,202
21-Jun-19	MIML	On market purchase	AUD 0.11	1,270	FPO	1,270
21-Jun-19	MIML	On market purchase	AUD 0.11	4,585	FPO	4,585
21-Jun-19	MIML	On market purchase	AUD 0.11	3,530	FPO	3,530
21-Jun-19	MIML	On market purchase	AUD 0.11	595	FPO	595
21-Jun-19	MIML	On market purchase	AUD 0.11	575	FPO	575
21-Jun-19	MIML	On market purchase	AUD 0.11	4,610	FPO	4,610
21-Jun-19	MIML	On market purchase	AUD 0.11	8,257	FPO	8,257
21-Jun-19	MIML	On market purchase	AUD 0.11	3,402	FPO	3,402
21-Jun-19	MIML	On market purchase	AUD 0.11	7,671	FPO	7,671
21-Jun-19	MIML	On market purchase	AUD 0.11	2,279	FPO	2,279
21-Jun-19	MIML	On market purchase	AUD 0.11	4,596	FPO	4,596
21-Jun-19	MIML	On market purchase	AUD 0.11	4,441	FPO	4,441
21-Jun-19	MIML	On market purchase	AUD 0.11	2,756	FPO	2,756
21-Jun-19	MIML	On market purchase	AUD 0.11	2,300	FPO	2,300
21-Jun-19	MIML	On market purchase	AUD 0.11	2,621	FPO	2,621
21-Jun-19	MIML	On market purchase	AUD 0.11	1,221	FPO	1,221
21-Jun-19	MIML	On market purchase	AUD 0.11	2,936	FPO	2,936
21-Jun-19	MIML	On market purchase	AUD 0.11	554	FPO	554
21-Jun-19	MIML	On market purchase	AUD 0.11	7,252	FPO	7,252
21-Jun-19	MIML	On market purchase	AUD 0.11	8,291	FPO	8,291
21-Jun-19	MIML	On market purchase	AUD 0.11	5,420	FPO	5,420
21-Jun-19	MIML	On market purchase	AUD 0.11	4,636	FPO	4,636
21-Jun-19	MIML	On market purchase	AUD 0.11	1,646	FPO	1,646
21-Jun-19	MIML	On market purchase	AUD 0.11	5,902	FPO	5,902