

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

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

1. Details of substantial holder

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

There was a change in the interests of the
substantial holder on: 19 July 2019
The previous notice was given to the company on: 21 June 2019
The previous notice was dated: 18 June 2019

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate had a relevant interest in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities	Previous notice		Present notice	
	Person's votes	Voting power	Person's votes	Voting power
'FPO'	19,294,099	5.08%	28,045,844	7.38%

3. Change in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest has changed	Nature of change	Consideration given in relation to change	Number of securities affected	Class	Voting power
See Annexure B						

4. Present relevant interests

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

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder	Nature of relevant interest	Number of securities	Class	Person's votes
MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	MACQUARIE BANK LIMITED	Pursuant to section 608 of the Corporations Act	23,451,738	FPO	23,451,738
MACQUARIE INVESTMENT MANAGEMENT LTD	Bond Street Custodians Limited	Bond Street Custodians Limited	Pursuant to section 608 of the Corporations Act	1,949,515	FPO	1,949,515
MACQUARIE INVESTMENT MANAGEMENT GLOBAL LTD	Northern Trust Corporation (Singapore Branch)	Northern Trust Corporation (Singapore Branch)	Pursuant to section 608 of the Corporations Act	90,150	FPO	90,150
MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LTD	Northern Trust Corporation (Singapore Branch)	Northern Trust Corporation (Singapore Branch)	Pursuant to section 608 of the Corporations Act	2,001,716	FPO	2,001,716
	Citibank Hong Kong	Citibank Hong Kong	Pursuant to section 608 of the Corporations Act	530,512	FPO	530,512
	National Nominees Limited	National Nominees Limited	Pursuant to section 608 of the Corporations Act	22,213	FPO	22,213

5. Changes in association

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

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

6. Addresses

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

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

Signature

Print name Ida Lawrance

Capacity Company Secretary

Sign here

Date 24 July 2019

ANNEXURE 'A'

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

Ida Lawrance
Company Secretary, Macquarie Group Limited
24 July 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
B-88238381	Abeto New Energy S.L.	Spain
0113-01-020216	ACACIA RENEWABLES K.K.	Japan
	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
	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
12095099	Bilbao Offshore TopCo Limited	United Kingdom
11431362	Bing TK Holdings Limited	United Kingdom
11431590	Bing TK Limited	United Kingdom
126708	Bing TK Topco Limited	Jersey
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
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
B-88238423	Encina New Energy S.L.	Spain
0200-03-009420	ENERGY PRATHAM INC.	Japan

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
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
0104-03-012938	GK BIO POWER JAPAN2	Japan
	GLL 200 State Street Corp	United States
81-1829460	GLL 400 Hope Interest, LLC	United States
	GLL America's Fund GP Corp	United States
HRB 148775	GLL Asset Management GmbH	Germany
	GLL Asset Management LLC	United States
47-2799970	GLL BVK Austin GP Inc	United States
47-1067714	GLL BVK Denver GP Inc.	United States
	GLL BVK General Partner Inc	United States
81-4279580	GLL BVK Miracorp General Partner, Inc.	United States
47-2784803	GLL BVK W.Adams GP, Inc	United States
	GLL Development and Management Inc	United States
HRB 139371	GLL Erste Verwaltungs GmbH	Germany
	GLL Fremont Interest II LLC	United States
HRB 149112	GLL Holding AG	Germany
HRB 198702	GLL HR CEE Management GmbH	Germany
	GLL HRE General Partner Inc	United States
HRB 217096	GLL Investment Management GmbH	Germany
B 116672	GLL Management Company Sarl	Luxembourg
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 INVESTMENT GROUP (KOREA) LIMITED	Korea, Republic of
SC576143	Green Investment Group Investments Limited	United Kingdom
SC574147	Green Investment Group Limited	United Kingdom
SC460459	Green Investment Group Management Limited	United Kingdom
	GREENVILLE COUNTY SOLAR PROJECT, LLC	United States
	GRIMES COUNTY SOLAR PROJECT, LLC	United States
	GSD FARMING CO. LLC	United States
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
617 269 851	IPM Global Macro No. 50 Fund	Australia
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
	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 Addison I, LLC	United States
	LPC Brewster Creek I, LLC	United States
	LPC Dallas DFW I, LLC	United States
	LPC Dallas DFW II, LLC	United States
	LPC EGV I, 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 Houston Air I, LLC	United States
	LPC Houston Air II, 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 Deutschland	Germany
45.476,0/2019	Macquarie Capital (Ireland) Designated Activity Company, Sucursal En Espana	Spain
104-81-64533	MACQUARIE CAPITAL (KOREA) LIMITED	Korea, Republic of
1952567	MACQUARIE CAPITAL (NEW ZEALAND) LIMITED	New Zealand
199704430K	MACQUARIE CAPITAL (SINGAPORE) PTE. LIMITED	Singapore
98-0141094	MACQUARIE CAPITAL (USA) INC.	United States
002149053	Macquarie Capital Acquisitions (Canada) Ltd.	Canada
716740-7	Macquarie Capital Acquisitions (Canada) No.2 Ltd.	Canada
130 342 915	MACQUARIE CAPITAL ADVISERS CRE PTY LTD	Australia
137760822	MACQUARIE CAPITAL ARGENTINA PTY LTD	Australia
905313-1	Macquarie Capital Development Canada Ltd.	Canada
127829458	MACQUARIE CAPITAL FINANCE (AUSTRALIA) PTY LTD	Australia
133 664 632	MACQUARIE CAPITAL FINANCE HOLDINGS (AUSTRALIA) PTY LIMITED	Australia
110605724	MACQUARIE CAPITAL FUNDING (LP) PTY LIMITED	Australia
13-3789912	Macquarie Capital Funding LLC	United States
002149050	Macquarie Capital Holdings (Canada) Ltd.	Canada
43-2082900	Macquarie Capital Investment Management LLC	United States
135973	MACQUARIE CAPITAL LIMITED	Hong Kong
110-84-02227	MACQUARIE CAPITAL LIMITED (SEOUL BRANCH)	Korea, Republic of
89407381	Macquarie Capital Limited, Taiwan Securities Branch	Taiwan
565608	Macquarie Capital Markets Canada Ltd./Marchés Financiers Macquarie Canada Ltée.	Canada
1079073	Macquarie Capital Markets North America Ltd./Marchés Financiers Macquarie Amérique Du Nord Ltée.	Canada
	Macquarie Capital Partners, LLC	United States
803092-8	Macquarie Capital Principal Holdings Canada Ltd	Canada
U65920MH1995PTC090696	Macquarie Capital Securities (India) Private Limited	India
MC-134609	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED	Cayman Islands
0100-03-012063	MACQUARIE CAPITAL SECURITIES (JAPAN) LIMITED (TOKYO BRANCH)	Japan

463469-W	MACQUARIE CAPITAL SECURITIES (MALAYSIA) SDN. BHD.	Malaysia
15184/2070C1/GBL	MACQUARIE CAPITAL SECURITIES (MAURITIUS) LIMITED	Mauritius
180496	Macquarie Capital Securities (Philippines) Inc.	Philippines
198702912C	MACQUARIE CAPITAL SECURITIES (SINGAPORE) PTE. LIMITED	Singapore
13-3789912	Macquarie Capital US Acquisitions LLC	United States
133 001 359	MACQUARIE CAPITAL WIND MANAGEMENT PTY LTD	Australia
169009	MACQUARIE CAYMAN HOLDINGS 2 CO.	Cayman Islands
168347	MACQUARIE CAYMAN HOLDINGS CO	Cayman Islands
081119477	MACQUARIE CGM TRADING PTY LIMITED	Australia
124022126	MACQUARIE CHEONGNA INVESTMENT PTY LTD	Australia
	Macquarie CMF LLC	United States
201016397N	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED	Singapore
SP.688/AsingP3A PDN.2/9/2010	MACQUARIE COMMODITIES (SINGAPORE) PTE. LIMITED, Indonesia Rep. Office	Indonesia
05259474	Macquarie Commodities (UK) Limited	United Kingdom
26-0555065	MACQUARIE COMMODITIES (USA) INC	United States
15.246.175/0001-50	Macquarie Commodities Brasil S/A	Brazil
06863247	Macquarie Commodities Factoring Holdings (UK) Limited	United Kingdom
20-5913559	MACQUARIE COMMODITIES FACTORING LLC	United States
05259503	Macquarie Commodities Finance (UK) Limited	United Kingdom
1049253-1	Macquarie Commodities Holding Canada Ltd.	Canada
20-5913559	MACQUARIE COMMODITIES HOLDINGS (USA) LLC	United States
633 247 935	MACQUARIE COMMODITIES PTY LIMITED	Australia
619688	Macquarie Commodities Trading (Ireland) Limited	Ireland
913100003017346652	MACQUARIE COMMODITIES TRADING (SHANGHAI) CO, LTD	China
91310000342091408Y	Macquarie Commodities Trading (Shanghai) Co, Ltd First Branch	China
201711753C	MACQUARIE COMMODITIES TRADING (SINGAPORE) PTE. LIMITED	Singapore
620092435	MACQUARIE COMMODITIES TRADING AUSTRALIA PTY LIMITED	Australia
199655	MACQUARIE COMMODITIES TRADING BAHAMAS LTD	Bahamas
1049254-0	Macquarie Commodities Trading Canada Ltd.	Canada
625 945 119	MACQUARIE COMMODITIES TRADING PTY LIMITED	Australia
CHE-490.254.918	Macquarie Commodities Trading SA	Switzerland
	Macquarie Commodities Trading US, LLC	United States
200813631K	MACQUARIE COMMODITY MARKETS (SINGAPORE) PTE. LIMITED	Singapore
	Macquarie Core Solar HoldCo, LLC	United States
4752472	Macquarie Corona Energy Holdings Limited	United Kingdom
611405	Macquarie Corporate (Hong Kong) Limited	Hong Kong
368580	Macquarie Corporate and Asset Finance (Ireland) Limited (in voluntary liquidation)	Ireland
7815862	Macquarie Corporate and Asset Finance 1 Limited	United Kingdom
8253764	Macquarie Corporate and Asset Finance 2 Limited	United Kingdom
006198910	MACQUARIE CORPORATE AND ASSET FINANCE LIMITED	Australia
26-3769367	MACQUARIE CORPORATE AND ASSET FUNDING INC.	United States
008606862	MACQUARIE CORPORATE FINANCE HOLDINGS PTY LIMITED	Australia
008595426	MACQUARIE CORPORATE FINANCE LIMITED	Australia
HRB52973	MACQUARIE CORPORATE FINANCE LIMITED NIEDERLASSUNG DEUTSCHLAND	Germany
0686899659	Macquarie Corporate Holdings Belgium NV	Belgium
125895	Macquarie Corporate Holdings Europe Limited	Jersey
096 705 109	MACQUARIE CORPORATE HOLDINGS PTY LIMITED	Australia
FC027878	Macquarie Corporate Holdings Pty Limited (UK Branch)	United Kingdom
123199253	MACQUARIE CORPORATE INTERNATIONAL HOLDINGS PTY LIMITED	Australia
20-1536178	MACQUARIE COTTON INTERNATIONAL INC.	United States
90-0797831	Macquarie Credit Investment Management Inc.	United States
266242	MACQUARIE CREDIT NEXUS FUND LIMITED	Cayman Islands
266243	MACQUARIE CREDIT NEXUS MASTER FUND LIMITED	Cayman Islands
27-2279644	Macquarie Crop Partners GP, LLC	United States
132821580	MACQUARIE DELTA1 FINANCE SERVICES PTY LIMITED	Australia
29318190	Macquarie Denmark Limited A/S	Denmark
102607616	MACQUARIE DEVELOPMENT CAPITAL II PTY LIMITED	Australia
008607083	MACQUARIE DIRECT INVESTMENT PTY LIMITED	Australia
20.3.0.31.542-6	Macquarie Distribution Finance Ltd.	Switzerland
114099795	MACQUARIE DIVERSIFIED ASSET ADVISORY PTY LIMITED	Australia
094631964	MACQUARIE EASTERN TRADING PTY LIMITED	Australia
54-2077555	MACQUARIE ELECTRONICS USA INC	United States
200408424K	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED	Singapore
F18440	MACQUARIE EMERGING MARKETS ASIAN TRADING PTE. LIMITED (HONG KONG BRANCH)	Hong Kong
143365673	Macquarie Emerging Markets Investments Pty Ltd	Australia
127185719	MACQUARIE EMG HOLDINGS PTY LIMITED	Australia
22.084.882/0001-53	Macquarie 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 Representative Office	Indonesia
8253776	Macquarie Energy Leasing Limited	United Kingdom
93-1043421	Macquarie Energy LLC	United States
MGS141223CE7	Macquarie Energy Mexico, S. de R.L. de C.V.	Mexico
20-3690322	Macquarie Energy North America Investments, LLC	United States
20-3690322	MACQUARIE ENERGY NORTH AMERICA TRADING INC.	United States
	Macquarie Energy Partners GP LLC	United States
	Macquarie Energy Partners Inc.	United States
	Macquarie Energy Partners, L.P.	United States
631 067 224	MACQUARIE ENERGY SERVICES PTY LIMITED	Australia
	Macquarie Energy Trading LLC	United States
	Macquarie Equipment Capital Inc.	United States
935411-5	Macquarie Equipment Finance (Canada) Limited	Canada
421234	Macquarie Equipment Finance Designated Activity Company	Ireland
2017/387403/10	Macquarie Equipment Finance Designated Activity Company (Registered as an external Company in South Africa)	South Africa
262381	MACQUARIE EQUIPMENT FINANCE LIMITED	New Zealand
605377-7	Macquarie Equipment Finance Ltd./Macquarie Financement d'Équipement Ltée.	Canada
475730	Macquarie Equipment Finance Services Limited	Ireland
468487	Macquarie Equipment Funding Limited	Ireland
459515-H	MACQUARIE EQUIPMENT LEASING SDN. BHD.	Malaysia
112079268	MACQUARIE EQUIPMENT RENTALS PTY LIMITED	Australia
063906392	MACQUARIE EQUITIES (US) HOLDINGS PTY. LIMITED	Australia
002574923	MACQUARIE EQUITIES LIMITED	Australia
001374572	MACQUARIE EQUITY CAPITAL MARKETS PTY LIMITED	Australia
91110111MA01AGJ4XC	Macquarie Equity Investment Management (Beijing) Co., Ltd.	China
7713808	Macquarie Euro Limited	United Kingdom
114801464	MACQUARIE EUROPEAN FINANCIAL INVESTMENTS PTY LTD	Australia
078771123	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED	Australia
F15820	MACQUARIE EUROPEAN HOLDINGS PTY LIMITED (HONG KONG	Hong Kong
06146573	Macquarie European Investment Holdings Limited	United Kingdom
HRB 82991	Macquarie European Rail GmbH	Germany
078223382	MACQUARIE EUROPEAN RAIL HOLDINGS PTY LIMITED	Australia
8253782	Macquarie European Rail Limited	United Kingdom
B172.199	Macquarie European Rail Limited (Luxembourg Branch)	Luxembourg
	Macquarie Executive Holdings LLC	United States
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 29 Sep 2015)	Singapore
128948498	MACQUARIE FINANCIAL SERVICES HOLDINGS PTY LIMITED	Australia
2007/030612/07	Macquarie Financial Trustees Proprietary Limited (In De-registration)	South Africa
HRB 98935	Macquarie Fonds GmbH	Germany
HRB 99628	Macquarie Fondsmanagement GmbH	Germany
093752946	MACQUARIE FORESTRY SERVICES PTY LIMITED	Australia
52230658	Macquarie Formosa 1 Co., Ltd.	Taiwan
55667289	Macquarie Formosa Solar Co., Ltd.	Taiwan
481 104 479 R.C.S. Paris	Macquarie France SARL	France
127735960	MACQUARIE FUND ADVISERS PTY LIMITED	Australia
3UMP7T,99999,SL,442	Macquarie Fund Solutions- Emerging Markets Small Cap Fund	Luxembourg
1137277-7	Macquarie Funding 5 Ltd.	Canada
1137278-5	Macquarie Funding 6 Ltd.	Canada
657826-8	Macquarie Funding Holdings Canada Ltd.	Canada
20-5913559	MACQUARIE FUNDING HOLDINGS LLC	United States
6581935	Macquarie Funding Inc.	Canada
LP00000352	MACQUARIE FUNDING LIMITED PARTNERSHIP	Australia
	Macquarie Funding LLC	United States
	Macquarie Funding USA Inc.	United States
093177407	MACQUARIE FUNDS MANAGEMENT HOLDINGS PTY LIMITED	Australia
724745	MACQUARIE FUNDS MANAGEMENT HONG KONG LIMITED	Hong Kong
201715715W	MACQUARIE FUTURES (SINGAPORE) PTE. LIMITED	Singapore

20-4193486	Macquarie Futures USA LLC	United States
137072112	MACQUARIE FX INVESTMENTS PTY LTD	Australia
128219330	MACQUARIE GCUH HOLDINGS PTY LIMITED	Australia
HRB 82733	Macquarie Germany Holdings GmbH	Germany
B233927	Macquarie GIG Renewable Energy Fund 2 SCSP	Luxembourg
091487384	Macquarie Global Bond Fund	Australia
068897C1/GBL	MACQUARIE GLOBAL FINANCE SERVICES (MAURITIUS) LIMITED	Mauritius
05259497	Macquarie Global Investments (UK) Limited	United Kingdom
3UMP7T.99999.SL.442	Macquarie Global Multi Asset Income Fund (SICAV)	Luxembourg
194165	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS G.P. LTD	Cayman Islands
131661697	MACQUARIE GLOBAL OPPORTUNITIES PARTNERS INVESTMENT PTY	Australia
20-8983535	Macquarie Global Opportunities Partners LLC	United States
	Macquarie Global Services (USA) LLC	United States
U93090DL2007FTC199006	MACQUARIE GLOBAL SERVICES PRIVATE LIMITED	India
05488013	Macquarie GP Limited	United Kingdom
05718600	Macquarie GP2 Limited	United Kingdom
1396768	Macquarie Greater China Infrastructure Advisory Limited	Hong Kong
WK-245599	Macquarie Greater China Infrastructure Management Limited	Cayman Islands
124071389	MACQUARIE GROUP (US) HOLDINGS NO.1 PTY LTD	Australia
122169279	MACQUARIE GROUP EMPLOYEE RETAINED EQUITY PLAN (MEREP Trust)	Australia
200412291W	MACQUARIE GROUP HOLDINGS (SINGAPORE) PTE. LIMITED	Singapore
06357992	Macquarie Group Holdings (UK) No.1 Limited	United Kingdom
06357999	Macquarie Group Holdings (UK) No.2 Limited	United Kingdom
1952566	MACQUARIE GROUP HOLDINGS NEW ZEALAND LIMITED	New Zealand
124071478	MACQUARIE GROUP HOLDINGS NO.3 PTY LTD	Australia
11670358	Macquarie Group Investments (UK) No.1 Limited	United Kingdom
07438584	Macquarie Group Investments (UK) No.2 Limited	United Kingdom
122169279	MACQUARIE GROUP LIMITED	Australia
CS201909201	MACQUARIE GROUP SERVICES (PHILIPPINES), INC.	Philippines
200703288K	MACQUARIE GROUP SERVICES (SINGAPORE) PTE. LIMITED	Singapore
116467031	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD	Australia
FC027877	MACQUARIE GROUP SERVICES AUSTRALIA PTY LTD (UK BRANCH)	United Kingdom
909027	Macquarie Group Services Australia PTY LTD, Ireland Branch	Ireland
609449149	MACQUARIE GROUP TREASURY PTY LTD	Australia
728003-3	Macquarie Holdings (Canada) Ltd	Canada
388232	Macquarie Holdings (Mexico), S.A. DE C.V.	Mexico
200703280D	MACQUARIE HOLDINGS (SINGAPORE) PTE. LTD.	Singapore
13-3789912	MACQUARIE HOLDINGS (U.S.A.) INC.	United States
06309919	Macquarie Holdings (UK) No.1 Limited	United Kingdom
201714295K	MACQUARIE HOLDINGS 2 (SINGAPORE) PTE. LIMITED	Singapore
2006/000891/07	Macquarie Holdings South Africa Proprietary Limited	South Africa
MC-199805	Macquarie Hong Kong Finance Limited	Cayman Islands
F15963	Macquarie Hong Kong Finance Limited (Hong Kong Branch)	Hong Kong
133001751	MACQUARIE I A RETURNS PTY LIMITED	Australia
36-4307649	MACQUARIE INC	United States
58341C1/GBL	MACQUARIE INDIA HOLDINGS LIMITED	Mauritius
200823500E	MACQUARIE INDIA INFRASTRUCTURE MANAGEMENT HOLDINGS PTE. LIMITED	Singapore
C41803	MACQUARIE INDUSTRIAL INVESTMENTS MALTA LIMITED	Malta
CS201221372	MACQUARIE INFRASTRUCTURE ADVISORY (PHILIPPINES) INC.	Philippines
03976881	Macquarie Infrastructure and Real Assets (Europe) Limited	United Kingdom
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited (Spain)	Spain
n/a	Macquarie Infrastructure and Real Assets (Europe) Limited, (Germany)	Germany
CL1804	Macquarie Infrastructure and Real Assets (Europe) Limited, DIFC Representative Office	United Arab Emirates
499 798 742 R.C.S. Paris	Macquarie Infrastructure and Real Assets (Europe) Limited, Paris Branch	France
623285	Macquarie Infrastructure and Real Assets (Hong Kong) Limited	Hong Kong
U67190MH2013PTC241809	Macquarie Infrastructure and Real Assets (India) Private Limited	India
784370-4	Macquarie Infrastructure and Real Assets (Sales) Canada Ltd	Canada
200513362E	MACQUARIE INFRASTRUCTURE AND REAL ASSETS (SINGAPORE) PTE. LIMITED	Singapore
10640222	Macquarie Infrastructure and Real Assets Core Limited	United Kingdom
082018399	MACQUARIE INFRASTRUCTURE AND REAL ASSETS HOLDINGS PTY LIMITED	Australia
20-8983572	Macquarie Infrastructure and Real Assets Inc.	United States
B 209.047	Macquarie Infrastructure and Real Assets Investments (Luxembourg) S.à r.l.	Luxembourg
10290869	Macquarie Infrastructure and Real Assets Investments 3 Limited	United Kingdom
8248121	Macquarie Infrastructure and Real Assets Investments Limited	United Kingdom
B233.546	Macquarie Infrastructure and Real Assets Luxembourg S.à r.l.	Luxembourg
401814	Macquarie Infrastructure and Real Assets México, S.A. de C.V.	Mexico
084828437	MACQUARIE INFRASTRUCTURE AND REAL ASSETS PTY LIMITED	Australia
B138295	Macquarie Infrastructure and Real Assets S.à r.l.	Luxembourg
	Macquarie Infrastructure Developments LLC	United States
074311390	MACQUARIE INFRASTRUCTURE FUNDS MANAGEMENT PTY LIMITED	Australia
5755862	Macquarie Infrastructure GP Limited	United Kingdom
WK-228075	MACQUARIE INFRASTRUCTURE LIMITED	Cayman Islands

112772871	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED	Australia
T06FC6823A	MACQUARIE INFRASTRUCTURE MANAGEMENT (ASIA) PTY LIMITED - SINGAPORE BRANCH	Singapore
128212868	MACQUARIE INFRASTRUCTURE MANAGEMENT (AUSTRALIA) LIMITED	Australia
20-0643354	MACQUARIE INFRASTRUCTURE MANAGEMENT (USA) INC	United States
115524028	MACQUARIE INFRASTRUCTURE MANAGEMENT LIMITED	Australia
4339673	Macquarie Infrastructure Partners Canada GP Ltd.	Canada
	Macquarie Infrastructure Partners II GP LLC	United States
30-0777655	Macquarie Infrastructure Partners III GP LLC	United States
20-4166306	MACQUARIE INFRASTRUCTURE PARTNERS INC	United States
	Macquarie Infrastructure Partners IV GP LLC	United States
20-8983572	Macquarie Infrastructure Partners U.S. GP LLC	United States
46726	Macquarie Infrastructure Philippines Limited	Bermuda
41533	MACQUARIE INFRASTRUCTURE REINSURANCE COMPANY LIMITED	Bermuda
330937	Macquarie Innovative Vision Fund Manager Limited	Cayman Islands
337957	Macquarie Innovative Vision Partners II Limited	Cayman Islands
330936	Macquarie Innovative Vision Partners Limited	Cayman Islands
200505701K	MACQUARIE INSURANCE (SINGAPORE) PTE. LTD.	Singapore
B231864	Macquarie Insurance Facility Luxembourg S.à r.l.	Luxembourg
092985263	MACQUARIE INTERNATIONAL FINANCE LIMITED	Australia
04125302	Macquarie International Holdings Limited	United Kingdom
91310000736671894N	MACQUARIE INTERNATIONAL HOUSING AND LAND CONSULTING (SHANGHAI) COMPANY LIMITED	China
108590996	MACQUARIE INTERNATIONAL INVESTMENTS PTY LIMITED	Australia
01802574	Macquarie International Limited	United Kingdom
F11422	MACQUARIE INTERNATIONAL LIMITED (HONG KONG BRANCH)	Hong Kong
169002	MACQUARIE INTERNATIONAL NEW YORK PARKING CO	Cayman Islands
502151	Macquarie International Services Limited	Hong Kong
04957256	Macquarie Internationale Investments Limited	United Kingdom
1660458	Macquarie Internet Investments Limited	Hong Kong
36631	MACQUARIE INVESTMENT (HONG KONG) LIMITED	Hong Kong
91110000765502969R	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD	China
91310000662467128L	MACQUARIE INVESTMENT ADVISORY (BEIJING) CO LTD (SHANGHAI BRANCH)	China
91310000MA1K31CL4R	Macquarie Investment Consulting (Shanghai) Co Ltd.	China
91310000MA1FR21D8P	Macquarie Investment Consulting (Shanghai) Co Ltd. (Shanghai Branch)	China
112017919	MACQUARIE INVESTMENT HOLDINGS NO.2 PTY LIMITED	Australia
122939600	MACQUARIE INVESTMENT HOLDINGS PTY LIMITED	Australia
41471	MACQUARIE INVESTMENT MANAGEMENT (BERMUDA) LIMITED	Bermuda
23-2859590	Macquarie Investment Management Advisers	United States
092552611	MACQUARIE INVESTMENT MANAGEMENT AUSTRALIA LIMITED	Australia
FN 171881 t	Macquarie Investment Management Austria Kapitalanlage AG	Austria
N/A	Macquarie Investment Management Business Trust	United States
09612439	Macquarie Investment Management Europe Limited	United Kingdom
MI - 2115687	Macquarie Investment Management Europe Limited (Italy Representative 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
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
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 MEREEENIE PTY LTD	Australia
639997-5	Macquarie Metals and Energy Capital (Canada) Ltd.	Canada
04920378	Macquarie Meters 2 (UK) Limited	United Kingdom
07361419	Macquarie Meters 3 (UK) Limited	United Kingdom
1344888	Macquarie Meters 4 Limited	Hong Kong
9794737	Macquarie Meters 5 (UK) Limited	United Kingdom
397181	MACQUARIE MEXICO INFRASTRUCTURE MANAGEMENT, S.A. DE C.V.	Mexico
477795	Macquarie Mexico Real Estate Management, S.A. de C.V.	Mexico
095180564	MACQUARIE MIDDLE EAST HOLDINGS PTY LIMITED	Australia
616 486 983	MACQUARIE MINING AND ENERGY INVESTMENTS PTY LIMITED	Australia
130225222	MACQUARIE MIRA FUND INVESTMENTS PTY LTD	Australia
120070788	MACQUARIE MORTGAGES CANADA HOLDINGS PTY LIMITED	Australia
057760175	MACQUARIE MORTGAGES PTY LIMITED	Australia
22-3840451	MACQUARIE MORTGAGES USA INC	United States
200404077D	MACQUARIE NE HOLDINGS (SINGAPORE) PTE. LIMITED (in liquidation wef 28/11/2016)	Singapore
6798497	Macquarie New World Gaming Canada Ltd.	Canada
N/A	Macquarie New World Gaming Partnership	Canada
	Macquarie NG-KIH Holdings, LLC	United States
123851436	MACQUARIE NOOSA PTY LTD (IN DEREGISTRATION)	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
	Macquarie Private Debt Asset Management, LLC	United States
590627	Macquarie Private Debt Europe Limited	Ireland
089987388	Macquarie Private Portfolio Management Pty Limited	Australia
625128	Macquarie Products (Ireland) Limited	Ireland
601831467	Macquarie Professional Series Global Equity Fund	Australia
2292323	Macquarie Projects Limited	Hong Kong
064904169	MACQUARIE PROPERTY (OBU) PTY LIMITED	Australia
142 083 092	MACQUARIE RADAR HOLDINGS PTY LIMITED	Australia
730170-7	Macquarie Rail Canada Limited	Canada
27-2437046	Macquarie Real Estate Absolute Return Partners, Inc.	United States
26-3872414	MACQUARIE REAL ESTATE ADVISORY SERVICES LLC	United States
82-2058238	Macquarie Real Estate Funds Management Inc.	United States
624 520 556	MACQUARIE REAL ESTATE INVESTMENT HOLDING (ASIA PACIFIC) PTY LIMITED	Australia
625995324	MACQUARIE REAL ESTATE INVESTMENT HOLDING (AUSTRALIA) PTY LIMITED	Australia
	Macquarie Real Estate Investments Holdings (North America), Inc.	United States

HE 291792	Macquarie Renaissance Corporate Finance Holdings Limited	Cyprus
616987949	MACQUARIE RENEWABLE ENERGY HOLDINGS PTY LIMITED	Australia
26-1386300	MACQUARIE RENEWABLE ENERGY INC	United States
	Macquarie Renewables Asset Trust	Australia
	Macquarie Renewables Project Trust	Australia
672846-4	Macquarie Resource Capital Canada Ltd.	Canada
07055620	Macquarie Restorations Limited	United Kingdom
998584	Macquarie Retail Management (Asia) Limited	Hong Kong
1273174	MACQUARIE RETAIL REAL ESTATE MANAGEMENT LIMITED	Hong Kong
	Macquarie Rotorcraft Holdings LLC	United States
535266	Macquarie Rotorcraft Leasing (Ireland) Limited	Ireland
639147	MACQUARIE ROTORCRAFT LEASING GROUP LIMITED	Ireland
11697950	Macquarie Rotorcraft Leasing Holdings Limited	United Kingdom
2789711	Macquarie Rotorcraft Leasing Services (Hong Kong) Limited	Hong Kong
640740	Macquarie Rotorcraft Leasing Services (Ireland) Limited	Ireland
11744005	Macquarie Rotorcraft Leasing Services (UK) Limited	United Kingdom
2019/234469/10	Macquarie Rotorcraft Leasing Services (UK) Limited (Registered as an external Company in South Africa)	South Africa
46-3045888	Macquarie Rotorcraft Leasing, Inc.	United States
604949144	MACQUARIE SCT PTY LIMITED	Australia
002832126	MACQUARIE SECURITIES (AUSTRALIA) LIMITED	Australia
9131000066438035XT	MACQUARIE SECURITIES (AUSTRALIA) LIMITED SHANGHAI REPRESENTATIVE OFFICE	China
1748511	MACQUARIE SECURITIES (NZ) LIMITED	New Zealand
0105539119915	MACQUARIE SECURITIES (THAILAND) LIMITED	Thailand
728007-6	Macquarie Securities Financing Ltd (Canada)	Canada
104-81-99444	MACQUARIE SECURITIES KOREA LIMITED	Korea, Republic of
003435443	MACQUARIE SECURITIES MANAGEMENT PTY LIMITED	Australia
2006/023546/06	MACQUARIE SECURITIES SOUTH AFRICA LIMITED	South Africa
641342	MACQUARIE SECURITISATION (HONG KONG) LIMITED	Hong Kong
075289002	MACQUARIE SECURITISATION (OBU) PTY LIMITED	Australia
003297336	MACQUARIE SECURITISATION LIMITED	Australia
44	Macquarie Septa (Guernsey), LLP	Guernsey
LP016856	Macquarie Septa (UK) I, LP	United Kingdom
LP016857	Macquarie Septa (UK) II, LP	United Kingdom
	Macquarie Septa (US) I, LLC	United States
	Macquarie Septa Aero, LLC	United States
496224	MACQUARIE SERVICES (HONG KONG) LIMITED	Hong Kong
388231	MACQUARIE SERVICES (MEXICO), S.A. de C.V.	Mexico
27-3610899	Macquarie Services (USA) LLC	United States
608 027 667	MACQUARIE SERVICES PARTNERSHIP PTY LIMITED	Australia
CHE-147.179.326	Macquarie Services SA	Switzerland
17733	Macquarie Servicios Electricos de Mexico S. de R.L de C.V.	Mexico
11.988.470/001-21	Macquarie Servicios Agrícolas Limitada	Brazil
45-4703789	Macquarie Sierra Investment Holdings Inc.	United States
116582524	MACQUARIE SPECIALISED ACCOMMODATION SOLUTIONS PTY LIMITED	Australia
EC#39329	MACQUARIE SPECIALISED ASSET MANAGEMENT (BERMUDA) LIMITED	Bermuda
075295608	MACQUARIE SPECIALISED ASSET MANAGEMENT 2 LIMITED	Australia
087382965	MACQUARIE SPECIALISED ASSET MANAGEMENT LTD	Australia
10325961	Macquarie Specialised Investment Solutions Limited	United Kingdom
125 574 389	MACQUARIE SPECIALIST INVESTMENTS LENDING LIMITED	Australia
46-2151809	Macquarie Storage Investments Inc.	United States
	Macquarie Strategic Funding Holdings Inc.	United States
086587635	MACQUARIE STRUCTURED AND SPECIALIST INVESTMENTS HOLDINGS PTY LIMITED	Australia
HRB 87430	Macquarie Structured Products (Europe) GmbH	Germany
2009/012427/10	Macquarie Structured Products (International) Limited (Registered as an external Company in South Africa)	South Africa
065747417	MACQUARIE STRUCTURED PRODUCTS (INTERNATIONAL) PTY LIMITED	Australia
489855	Macquarie Structured Securities (Europe) Public Limited Company	Ireland
008607038	MACQUARIE SWAN STREET PTY LIMITED	Australia
065309033	MACQUARIE SYNDICATION (NO.12) PTY LIMITED	Australia
080218846	MACQUARIE TECHNOLOGY INVESTMENTS PTY LIMITED	Australia
680639-2	Macquarie Technology Services (Canada) Ltd.	Canada
080472751	MACQUARIE TECHNOLOGY VENTURES PTY LTD	Australia
	Macquarie Texas Loan Holder LLC	United States
008606906	MACQUARIE THIRTY-THIRD AVIATION LEASING PTY. LIMITED	Australia
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
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
	MIRA Americas, Inc.	United States
HRB 212106	MIRA Beteiligungs GmbH	Germany
	MIRA Infrastructure Global Solution GP LLC	United States
	MIRA Infrastructure Global Solution II GP, LLC	United States
62697	MIRA UK Gas Holdings GP Limited	Guernsey
11392304	Mitochon Limited	United Kingdom
82-3000316	MLH 650 Oakdale, LLC	United States
82-3448347	MLH Bluff Road Holdings, LLC	United States
	MLH Bluff Road Lot 3, LLC	United States
82-4149757	MLH Logistics DevCo, LLC	United States
82-2986892	MLH Logistics Holdings, LLC	United States
82-3012398	MLH Oakdale Holdings, LLC	United States
0100-03-029578	MM PV G.K.	Japan
20-5336393	Moonstone Lien Investments, LLC	United States
10480217	Moorgate PL Holdings Limited	United Kingdom
	MORRAL RUN SOLAR PROJECT, LLC	United States
08499211	MPF Nominees Limited	United Kingdom
7317376	MPF PARKING HOLDINGS NZ LIMITED	New Zealand
7320380	MPF PARKING NZ LIMITED	New Zealand
451722	MPFI INVESTMENTS LIMITED (in members' voluntary liquidation)	Ireland
061160558	MQ CAPITAL PTY LIMITED	Australia
600550	MQ PPP Investments Ireland GP Limited	Ireland
086438995	MQ SPECIALIST INVESTMENT MANAGEMENT LIMITED	Australia
U51909MH2012FTC226545	MQG Commodities (India) Private Limited	India
	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 2019-1	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
126957	Rivera Energy, S.A.P.I. de C.V.	Mexico
MC-25427	ROC Asia Pacific Private Equity Offshore Fund, L.P.	Cayman Islands
10379378	Ropemaker RB Holdings Limited	United Kingdom
B88269329	Sabina Solar PV S.L.	Spain
	SAGUACHE COUNTY SOLAR PROJECT, LLC	United States
B88300579	Sauce New Energy, S.L.	Spain
	Savion, 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
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
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
B-88282181	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 (IN LIQUIDATION)	Australia
081119495	URBAN PACIFIC PTY LIMITED	Australia
000032134118	Urja Seventh B.V.	Netherlands
03705740	Utility Metering Services Limited	United Kingdom
	WALWORTH COUNTY SOLAR PROJECT, LLC	United States
B225029	WAW CED Sarl	Luxembourg
	WEST DEMING SOLAR PROJECT, LLC	United States
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
	Zhonghe Fengtai Equity Investment (Tianjin) Partnership	China

ANNEXURE 'B'

This is the annexure marked 'B' of 12 pages referred to in the Notice of change of interests of substantial holder.

Ida Lawrance
Company Secretary, Macquarie Group Limited
24 July 2019

Date of change	Person whose relevant interest changed	Nature of change	Consideration per security	Number of securities affected	Class	Person's votes affected
19-Jun-19	MBL	On Market Purchase	AUD 4.04	235	FPO	235
19-Jun-19	MBL	On Market Purchase	AUD 4.11	472	FPO	472
19-Jun-19	MBL	On Market Sale	AUD 4.09	-275	FPO	275
19-Jun-19	MBL	On Market Purchase	AUD 4.05	527	FPO	527
19-Jun-19	MEH	On Market Sale	AUD 4.08	-622	FPO	622
19-Jun-19	MEH	On Market Sale	AUD 4.08	-38	FPO	38
19-Jun-19	MEH	On Market Sale	AUD 4.08	-234	FPO	234
19-Jun-19	MEH	On Market Sale	AUD 4.08	-127	FPO	127
19-Jun-19	MEH	On Market Sale	AUD 4.08	-127	FPO	127
19-Jun-19	MEH	On Market Sale	AUD 4.06	-51	FPO	51
19-Jun-19	MEH	On Market Sale	AUD 4.06	-264	FPO	264
19-Jun-19	MEH	On Market Sale	AUD 4.06	-91	FPO	91
19-Jun-19	MEH	On Market Sale	AUD 4.08	-127	FPO	127
19-Jun-19	MEH	On Market Sale	AUD 4.08	-45	FPO	45
19-Jun-19	MEH	On Market Sale	AUD 4.09	-660	FPO	660
19-Jun-19	MEH	On Market Sale	AUD 4.06	-296	FPO	296
19-Jun-19	MEH	On Market Sale	AUD 4.06	-54	FPO	54
19-Jun-19	MEH	On Market Sale	AUD 4.06	-55	FPO	55
19-Jun-19	MEH	On Market Sale	AUD 4.09	-198	FPO	198
19-Jun-19	MEH	On Market Sale	AUD 4.09	-198	FPO	198
19-Jun-19	MEH	On Market Sale	AUD 4.09	-66	FPO	66
19-Jun-19	MEH	On Market Sale	AUD 4.09	-198	FPO	198
19-Jun-19	MEH	On Market Sale	AUD 4.06	-109	FPO	109
19-Jun-19	MEH	On Market Sale	AUD 4.06	-109	FPO	109
19-Jun-19	MEH	On Market Sale	AUD 4.06	-37	FPO	37
19-Jun-19	MEH	On Market Sale	AUD 4.04	-98	FPO	98
19-Jun-19	MEH	On Market Sale	AUD 4.04	-33	FPO	33
19-Jun-19	MEH	On Market Sale	AUD 4.04	-52	FPO	52
19-Jun-19	MEH	On Market Sale	AUD 4.04	-33	FPO	33
19-Jun-19	MEH	On Market Sale	AUD 4.04	-26	FPO	26
19-Jun-19	MEH	On Market Sale	AUD 4.04	-264	FPO	264
19-Jun-19	MEH	On Market Sale	AUD 4.04	-139	FPO	139
19-Jun-19	MEH	On Market Sale	AUD 4.02	-254	FPO	254
19-Jun-19	MEH	On Market Sale	AUD 4.02	-265	FPO	265
19-Jun-19	MEH	On Market Sale	AUD 4.02	-51	FPO	51
19-Jun-19	MEH	On Market Sale	AUD 4.02	-185	FPO	185
19-Jun-19	MEH	On Market Sale	AUD 4.02	-159	FPO	159
19-Jun-19	MEH	On Market Sale	AUD 4.05	-98	FPO	98
19-Jun-19	MEH	On Market Sale	AUD 4.05	-98	FPO	98
19-Jun-19	MEH	On Market Sale	AUD 4.11	1,134	FPO	1,134
19-Jun-19	MEH	On Market Sale	AUD 4.11	852	FPO	852
19-Jun-19	MEH	On Market Sale	AUD 4.11	397	FPO	397
19-Jun-19	MEH	On Market Sale	AUD 4.11	3,778	FPO	3,778
19-Jun-19	MEH	On Market Sale	AUD 4.11	439	FPO	439
19-Jun-19	MEH	On Market Sale	AUD 4.05	-333	FPO	333
19-Jun-19	MEH	On Market Sale	AUD 4.04	-146	FPO	146
19-Jun-19	MEH	On Market Sale	AUD 4.04	-198	FPO	198
19-Jun-19	MEH	On Market Sale	AUD 4.04	-85	FPO	85
19-Jun-19	MEH	On Market Sale	AUD 4.04	-42	FPO	42
19-Jun-19	MEH	On Market Sale	AUD 4.04	-198	FPO	198
19-Jun-19	MEH	On Market Sale	AUD 4.04	-5	FPO	5
19-Jun-19	MEH	On Market Sale	AUD 4.04	-66	FPO	66
19-Jun-19	MEH	On Market Sale	AUD 4.04	-66	FPO	66
19-Jun-19	MEH	On Market Sale	AUD 4.09	202	FPO	202
19-Jun-19	MIMGL	On market purchase	AUD 4.09	33,717	FPO	33,717
19-Jun-19	MIMAL	On market purchase	AUD 4.09	2,127	FPO	2,127
19-Jun-19	MIMAL	On market purchase	AUD 4.09	57,646	FPO	57,646
19-Jun-19	MIMAL	On market purchase	AUD 4.09	36,016	FPO	36,016
19-Jun-19	MBL	Borrow Return	AUD 4.1055	-55,000	FPO	55,000
19-Jun-19	MIML	On market purchase	AUD 4.07	256	FPO	256

19-Jun-19	MIML	On market sale	AUD 4.07	-554	FPO	554
19-Jun-19	MIML	On market purchase	AUD 4.07	2,055	FPO	2,055
19-Jun-19	MIML	On market purchase	AUD 4.07	397	FPO	397
19-Jun-19	MIML	On market purchase	AUD 4.07	1,630	FPO	1,630
20-Jun-19	MBL	Off Market Sale	AUD 4.13	-1	FPO	1
20-Jun-19	MBL	On Market Purchase	AUD 4.10	29,396	FPO	29,396
20-Jun-19	MBL	On Market Purchase	AUD 4.13	529	FPO	529
20-Jun-19	MBL	On Market Purchase	AUD 4.15	587	FPO	587
20-Jun-19	MBL	On Market Purchase	AUD 4.13	236	FPO	236
20-Jun-19	MBL	On Market Purchase	AUD 4.11	883	FPO	883
20-Jun-19	MBL	On Market Purchase	AUD 4.10	80	FPO	80
20-Jun-19	MBL	On Market Purchase	AUD 4.12	616	FPO	616
20-Jun-19	MBL	On Market Purchase	AUD 4.13	264	FPO	264
20-Jun-19	MBL	On Market Purchase	AUD 4.13	354	FPO	354
20-Jun-19	MBL	On Market Purchase	AUD 4.10	118	FPO	118
20-Jun-19	MBL	Off Market Purchase	AUD 4.13	1	FPO	1
20-Jun-19	MBL	On Market Purchase	AUD 4.13	6,885	FPO	6,885
20-Jun-19	MEH	On Market Sale	AUD 4.06	592	FPO	592
20-Jun-19	MEH	On Market Sale	AUD 4.07	85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.07	85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.07	85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.07	85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.07	678	FPO	678
20-Jun-19	MEH	On Market Sale	AUD 4.07	32	FPO	32
20-Jun-19	MEH	On Market Sale	AUD 4.07	136	FPO	136
20-Jun-19	MEH	On Market Sale	AUD 4.07	466	FPO	466
20-Jun-19	MEH	On Market Sale	AUD 4.07	517	FPO	517
20-Jun-19	MEH	On Market Sale	AUD 4.07	491	FPO	491
20-Jun-19	MEH	On Market Sale	AUD 4.07	200	FPO	200
20-Jun-19	MEH	On Market Sale	AUD 4.07	200	FPO	200
20-Jun-19	MEH	On Market Sale	AUD 4.08	355	FPO	355
20-Jun-19	MEH	On Market Sale	AUD 4.08	51	FPO	51
20-Jun-19	MEH	On Market Sale	AUD 4.08	128	FPO	128
20-Jun-19	MEH	On Market Sale	AUD 4.08	293	FPO	293
20-Jun-19	MEH	On Market Sale	AUD 4.08	92	FPO	92
20-Jun-19	MEH	On Market Sale	AUD 4.08	98	FPO	98
20-Jun-19	MEH	On Market Sale	AUD 4.08	323	FPO	323
20-Jun-19	MEH	On Market Sale	AUD 4.08	73	FPO	73
20-Jun-19	MEH	On Market Sale	AUD 4.10	-6,455	FPO	6,455
20-Jun-19	MEH	On Market Sale	AUD 4.07	75	FPO	75
20-Jun-19	MEH	On Market Sale	AUD 4.07	134	FPO	134
20-Jun-19	MEH	On Market Sale	AUD 4.07	281	FPO	281
20-Jun-19	MEH	On Market Sale	AUD 4.07	209	FPO	209
20-Jun-19	MEH	On Market Sale	AUD 4.07	251	FPO	251
20-Jun-19	MEH	On Market Sale	AUD 4.07	355	FPO	355
20-Jun-19	MEH	On Market Sale	AUD 4.11	-376	FPO	376
20-Jun-19	MEH	On Market Sale	AUD 4.11	-471	FPO	471
20-Jun-19	MEH	On Market Sale	AUD 4.10	-254	FPO	254
20-Jun-19	MEH	On Market Sale	AUD 4.11	-99	FPO	99
20-Jun-19	MEH	On Market Sale	AUD 4.11	-155	FPO	155
20-Jun-19	MEH	On Market Sale	AUD 4.11	-109	FPO	109
20-Jun-19	MEH	On Market Sale	AUD 4.11	-145	FPO	145
20-Jun-19	MEH	On Market Sale	AUD 4.11	-85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.11	-340	FPO	340
20-Jun-19	MEH	On Market Sale	AUD 4.11	-33	FPO	33
20-Jun-19	MEH	On Market Sale	AUD 4.07	-847	FPO	847
20-Jun-19	MEH	On Market Sale	AUD 4.10	-254	FPO	254
20-Jun-19	MEH	On Market Sale	AUD 4.10	-123	FPO	123
20-Jun-19	MEH	On Market Sale	AUD 4.10	-29	FPO	29
20-Jun-19	MEH	On Market Sale	AUD 4.10	-102	FPO	102
20-Jun-19	MEH	On Market Sale	AUD 4.10	-20	FPO	20
20-Jun-19	MEH	On Market Sale	AUD 4.10	-29	FPO	29
20-Jun-19	MEH	On Market Sale	AUD 4.10	-85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.10	-85	FPO	85
20-Jun-19	MEH	On Market Sale	AUD 4.10	-41	FPO	41
20-Jun-19	MEH	On Market Sale	AUD 4.10	-79	FPO	79
20-Jun-19	MEH	On Market Sale	AUD 4.11	-255	FPO	255
20-Jun-19	MEH	On Market Sale	AUD 4.11	-63	FPO	63
20-Jun-19	MEH	On Market Sale	AUD 4.11	-159	FPO	159
20-Jun-19	MIMAL	On market sale	AUD 4.13	-422	FPO	422
20-Jun-19	MBL	Borrow Return	AUD 4.2	-648	FPO	648
20-Jun-19	MIML	On market purchase	AUD 4.08	2,600	FPO	2,600
20-Jun-19	MIML	On market sale	AUD 4.13	-392	FPO	392
21-Jun-19	MBL	Off Market Sale	AUD 4.08	-3	FPO	3
21-Jun-19	MBL	On Market Purchase	AUD 4.14	1,255	FPO	1,255

21-Jun-19	MBL	Off Market Purchase	AUD 4.08	3	FPO	3
21-Jun-19	MBL	On Market Purchase	AUD 4.09	291	FPO	291
21-Jun-19	MBL	On Market Sale	AUD 4.08	-17,379	FPO	17,379
21-Jun-19	MEH	On Market Sale	AUD 4.08	-4,857	FPO	4,857
21-Jun-19	MIMAL	On market purchase	AUD 4.08	2,586	FPO	2,586
21-Jun-19	MIMAL	On market sale	AUD 4.08	-72	FPO	72
21-Jun-19	MIMAL	On market purchase	AUD 4.08	3,227	FPO	3,227
21-Jun-19	MIMAL	On market purchase	AUD 4.08	260	FPO	260
21-Jun-19	MBL	Borrow Return	AUD 4.2945	-10,000	FPO	10,000
21-Jun-19	MIML	On market sale	AUD 4.06	-116	FPO	116
21-Jun-19	MIML	On market sale	AUD 4.06	-485	FPO	485
21-Jun-19	MIML	On market sale	AUD 4.06	-257	FPO	257
21-Jun-19	MIML	On market sale	AUD 4.06	-79	FPO	79
21-Jun-19	MIML	On market sale	AUD 4.06	-137	FPO	137
21-Jun-19	MIML	On market sale	AUD 4.06	-191	FPO	191
21-Jun-19	MIML	On market purchase	AUD 4.08	973	FPO	973
21-Jun-19	MIML	On market sale	AUD 4.06	-144	FPO	144
21-Jun-19	MIML	On market sale	AUD 4.06	-307	FPO	307
21-Jun-19	MIML	On market purchase	AUD 4.08	923	FPO	923
21-Jun-19	MIML	On market sale	AUD 4.06	-998	FPO	998
21-Jun-19	MIML	On market purchase	AUD 4.08	841	FPO	841
21-Jun-19	MIML	On market sale	AUD 4.06	-225	FPO	225
21-Jun-19	MIML	On market sale	AUD 4.06	-136	FPO	136
21-Jun-19	MIML	On market sale	AUD 4.06	-209	FPO	209
21-Jun-19	MIML	On market sale	AUD 4.06	-309	FPO	309
21-Jun-19	MIML	On market sale	AUD 4.06	-207	FPO	207
21-Jun-19	MIML	On market purchase	AUD 4.09	588	FPO	588
21-Jun-19	MIML	On market sale	AUD 4.06	-376	FPO	376
21-Jun-19	MIML	Transfer in - client account	AUD 0.00	4,490	FPO	4,490
24-Jun-19	MBL	On Market Purchase	AUD 4.08	8,352	FPO	8,352
24-Jun-19	MBL	On Market Purchase	AUD 4.08	1,025	FPO	1,025
24-Jun-19	MIML	Transfer out - client account	AUD 0.00	-1,561	FPO	1,561
24-Jun-19	MIML	Transfer in - client account	AUD 0.00	1,561	FPO	1,561
24-Jun-19	MIML	Transfer in - client account	AUD 0.00	1,058	FPO	1,058
24-Jun-19	MIML	Transfer out - client account	AUD 0.00	-337	FPO	337
24-Jun-19	MIML	Transfer out - client account	AUD 0.00	-416	FPO	416
24-Jun-19	MIML	Transfer in - client account	AUD 0.00	416	FPO	416
24-Jun-19	MIML	Transfer in - client account	AUD 0.00	337	FPO	337
24-Jun-19	MIML	Transfer out - client account	AUD 0.00	-1,058	FPO	1,058
24-Jun-19	MIML	On market purchase	AUD 4.09	4,480	FPO	4,480
24-Jun-19	MIML	On market purchase	AUD 4.09	2,301	FPO	2,301
24-Jun-19	MIML	On market purchase	AUD 4.09	512	FPO	512
24-Jun-19	MIML	On market purchase	AUD 4.09	299	FPO	299
24-Jun-19	MIML	Transfer in - client account	AUD 0.00	2,417	FPO	2,417
25-Jun-19	MBL	On Market Purchase	AUD 3.94	3,587	FPO	3,587
25-Jun-19	MEH	On Market Sale	AUD 3.94	-106	FPO	106
25-Jun-19	MEH	On Market Sale	AUD 3.94	-116	FPO	116
25-Jun-19	MEH	On Market Sale	AUD 3.94	-51	FPO	51
25-Jun-19	MEH	On Market Sale	AUD 3.94	-185	FPO	185
25-Jun-19	MEH	On Market Sale	AUD 3.94	-10	FPO	10
25-Jun-19	MEH	On Market Sale	AUD 4.06	48	FPO	48
25-Jun-19	MEH	On Market Sale	AUD 4.06	223	FPO	223
25-Jun-19	MEH	On Market Sale	AUD 4.06	3	FPO	3
25-Jun-19	MEH	On Market Sale	AUD 4.06	1,637	FPO	1,637
25-Jun-19	MEH	On Market Sale	AUD 4.06	-424	FPO	424
25-Jun-19	MEH	On Market Sale	AUD 4.06	-1,193	FPO	1,193
25-Jun-19	MEH	On Market Sale	AUD 4.06	1,814	FPO	1,814
25-Jun-19	MEH	On Market Sale	AUD 4.06	1,286	FPO	1,286
25-Jun-19	MEH	On Market Sale	AUD 4.06	12	FPO	12
25-Jun-19	MEH	On Market Sale	AUD 4.06	1,448	FPO	1,448
25-Jun-19	MEH	On Market Sale	AUD 4.05	-432	FPO	432
25-Jun-19	MEH	On Market Sale	AUD 4.05	-1,185	FPO	1,185
25-Jun-19	MEH	On Market Sale	AUD 3.96	-1,152	FPO	1,152
25-Jun-19	MEH	On Market Sale	AUD 3.99	-1,617	FPO	1,617
25-Jun-19	MIML	On market purchase	AUD 4.01	222	FPO	222
25-Jun-19	MIML	On market sale	AUD 4.04	-416	FPO	416
25-Jun-19	MIML	On market purchase	AUD 4.01	508	FPO	508
25-Jun-19	MIML	On market sale	AUD 4.04	-337	FPO	337
25-Jun-19	MIML	On market purchase	AUD 4.01	3,054	FPO	3,054
26-Jun-19	MBL	On Market Purchase	AUD 4.03	9,202	FPO	9,202
26-Jun-19	MBL	On Market Purchase	AUD 4.08	2	FPO	2
26-Jun-19	MBL	Borrow Delivery	AUD 4.137	4,000	FPO	4,000
26-Jun-19	MIML	On market purchase	AUD 4.05	619	FPO	619
26-Jun-19	MIML	On market purchase	AUD 4.05	2,119	FPO	2,119
26-Jun-19	MIML	On market purchase	AUD 4.00	2,509	FPO	2,509
27-Jun-19	MBL	On Market Purchase	AUD 4.01	3	FPO	3

27-Jun-19	MBL	Off Market Sale	AUD 4.08	-6	FPO	6
27-Jun-19	MBL	On Market Sale	AUD 4.08	-4,986	FPO	4,986
27-Jun-19	MBL	Off Market Purchase	AUD 4.08	6	FPO	6
27-Jun-19	MEH	On Market Sale	AUD 3.99	-183	FPO	183
27-Jun-19	MEH	On Market Sale	AUD 3.99	-262	FPO	262
27-Jun-19	MEH	On Market Sale	AUD 3.99	-79	FPO	79
27-Jun-19	MEH	On Market Sale	AUD 3.99	-183	FPO	183
27-Jun-19	MEH	On Market Sale	AUD 4.00	66	FPO	66
27-Jun-19	MEH	On Market Sale	AUD 4.00	90	FPO	90
27-Jun-19	MEH	On Market Sale	AUD 4.00	4,434	FPO	4,434
27-Jun-19	MEH	On Market Sale	AUD 4.00	1,898	FPO	1,898
27-Jun-19	MEH	On Market Sale	AUD 4.00	63	FPO	63
27-Jun-19	MEH	On Market Sale	AUD 3.99	-981	FPO	981
27-Jun-19	MEH	On Market Sale	AUD 3.99	-329	FPO	329
27-Jun-19	MEH	On Market Sale	AUD 4.00	-79	FPO	79
27-Jun-19	MEH	On Market Sale	AUD 4.00	-524	FPO	524
27-Jun-19	MEH	On Market Sale	AUD 4.00	-288	FPO	288
27-Jun-19	MEH	On Market Sale	AUD 4.00	-39	FPO	39
27-Jun-19	MEH	On Market Sale	AUD 4.00	-103	FPO	103
27-Jun-19	MEH	On Market Sale	AUD 4.00	-388	FPO	388
27-Jun-19	MEH	On Market Sale	AUD 4.00	-32	FPO	32
27-Jun-19	MEH	On Market Sale	AUD 4.00	-551	FPO	551
27-Jun-19	MEH	On Market Sale	AUD 4.00	-388	FPO	388
27-Jun-19	MEH	On Market Sale	AUD 4.00	-146	FPO	146
27-Jun-19	MEH	On Market Sale	AUD 4.00	-21	FPO	21
27-Jun-19	MEH	On Market Sale	AUD 4.00	-10	FPO	10
27-Jun-19	MEH	On Market Sale	AUD 3.98	-550	FPO	550
27-Jun-19	MEH	On Market Sale	AUD 3.98	-589	FPO	589
27-Jun-19	MEH	On Market Sale	AUD 3.98	-589	FPO	589
27-Jun-19	MEH	On Market Sale	AUD 3.98	-39	FPO	39
27-Jun-19	MEH	On Market Sale	AUD 3.98	-198	FPO	198
27-Jun-19	MEH	On Market Sale	AUD 4.01	16	FPO	16
27-Jun-19	MEH	On Market Sale	AUD 4.01	10	FPO	10
27-Jun-19	MEH	On Market Sale	AUD 4.01	2,382	FPO	2,382
27-Jun-19	MEH	On Market Sale	AUD 4.00	61	FPO	61
27-Jun-19	MEH	On Market Sale	AUD 4.00	252	FPO	252
27-Jun-19	MEH	On Market Sale	AUD 4.00	82	FPO	82
27-Jun-19	MEH	On Market Sale	AUD 4.00	287	FPO	287
27-Jun-19	MEH	On Market Sale	AUD 3.99	725	FPO	725
27-Jun-19	MEH	On Market Sale	AUD 4.00	91	FPO	91
27-Jun-19	MEH	On Market Sale	AUD 4.00	973	FPO	973
27-Jun-19	MEH	On Market Sale	AUD 4.00	773	FPO	773
27-Jun-19	MEH	On Market Sale	AUD 3.99	2,158	FPO	2,158
27-Jun-19	MEH	On Market Sale	AUD 4.00	58	FPO	58
27-Jun-19	MEH	On Market Sale	AUD 4.00	83	FPO	83
27-Jun-19	MEH	On Market Sale	AUD 4.00	79	FPO	79
27-Jun-19	MEH	On Market Sale	AUD 4.00	81	FPO	81
27-Jun-19	MEH	On Market Sale	AUD 4.00	964	FPO	964
27-Jun-19	MEH	On Market Sale	AUD 3.99	520	FPO	520
27-Jun-19	MEH	On Market Sale	AUD 3.99	1,400	FPO	1,400
27-Jun-19	MEH	On Market Sale	AUD 4.00	465	FPO	465
27-Jun-19	MEH	On Market Sale	AUD 4.00	10	FPO	10
27-Jun-19	MEH	On Market Sale	AUD 4.00	63	FPO	63
27-Jun-19	MEH	On Market Sale	AUD 4.00	800	FPO	800
27-Jun-19	MEH	On Market Sale	AUD 4.00	2,083	FPO	2,083
27-Jun-19	MIMAL	On market purchase	AUD 4.08	1,038	FPO	1,038
27-Jun-19	MBL	Borrow Delivery	AUD 4.2315	5,000	FPO	5,000
27-Jun-19	MBL	Borrow Delivery	AUD 4.2315	5,963	FPO	5,963
27-Jun-19	MBL	Borrow Delivery	AUD 4.2315	19,037	FPO	19,037
27-Jun-19	MBL	Borrow Delivery	AUD 4.137	1,371,000	FPO	1,371,000
27-Jun-19	MIML	Transfer out - client account	AUD 0.00	-985	FPO	985
27-Jun-19	MIML	On market sale	AUD 4.00	-804	FPO	804
27-Jun-19	MIML	On market purchase	AUD 4.01	754	FPO	754
27-Jun-19	MIML	On market purchase	AUD 4.01	1,970	FPO	1,970
28-Jun-19	MBL	On Market Purchase	AUD 4.17	1	FPO	1
28-Jun-19	MBL	On Market Purchase	AUD 4.10	2,589	FPO	2,589
28-Jun-19	MEH	On Market Sale	AUD 4.10	82	FPO	82
28-Jun-19	MEH	On Market Sale	AUD 4.10	95	FPO	95
28-Jun-19	MEH	On Market Sale	AUD 4.21	82	FPO	82
28-Jun-19	MEH	On Market Sale	AUD 4.12	59	FPO	59
28-Jun-19	MEH	On Market Sale	AUD 4.12	167	FPO	167
28-Jun-19	MEH	On Market Sale	AUD 4.09	114	FPO	114
28-Jun-19	MEH	On Market Sale	AUD 4.16	77	FPO	77
28-Jun-19	MEH	On Market Sale	AUD 4.08	95	FPO	95
28-Jun-19	MEH	On Market Sale	AUD 4.19	34	FPO	34
28-Jun-19	MEH	On Market Sale	AUD 4.19	90	FPO	90

28-Jun-19	MEH	On Market Sale	AUD 4.17	84	FPO	84
28-Jun-19	MEH	On Market Sale	AUD 4.18	78	FPO	78
28-Jun-19	MEH	On Market Sale	AUD 4.18	72	FPO	72
28-Jun-19	MEH	On Market Sale	AUD 4.23	126	FPO	126
28-Jun-19	MEH	On Market Sale	AUD 4.17	89	FPO	89
28-Jun-19	MEH	On Market Sale	AUD 4.16	28	FPO	28
28-Jun-19	MEH	On Market Sale	AUD 4.16	70	FPO	70
28-Jun-19	MEH	On Market Sale	AUD 4.16	76	FPO	76
28-Jun-19	MEH	On Market Sale	AUD 4.17	94	FPO	94
28-Jun-19	MEH	On Market Sale	AUD 4.13	80	FPO	80
28-Jun-19	MEH	On Market Sale	AUD 4.17	105	FPO	105
28-Jun-19	MEH	On Market Sale	AUD 4.16	27	FPO	27
28-Jun-19	MEH	On Market Sale	AUD 4.18	107	FPO	107
28-Jun-19	MEH	On Market Sale	AUD 4.16	36	FPO	36
28-Jun-19	MEH	On Market Sale	AUD 4.16	94	FPO	94
28-Jun-19	MEH	On Market Sale	AUD 4.09	29	FPO	29
28-Jun-19	MEH	On Market Sale	AUD 4.09	80	FPO	80
28-Jun-19	MEH	On Market Sale	AUD 4.17	96	FPO	96
28-Jun-19	MEH	On Market Sale	AUD 4.09	89	FPO	89
28-Jun-19	MEH	On Market Sale	AUD 4.11	36	FPO	36
28-Jun-19	MEH	On Market Sale	AUD 4.11	102	FPO	102
28-Jun-19	MEH	On Market Sale	AUD 4.10	17	FPO	17
28-Jun-19	MEH	On Market Sale	AUD 4.12	71	FPO	71
28-Jun-19	MEH	On Market Sale	AUD 4.07	107	FPO	107
28-Jun-19	MEH	On Market Sale	AUD 4.22	99	FPO	99
28-Jun-19	MEH	On Market Sale	AUD 4.11	78	FPO	78
28-Jun-19	MEH	On Market Sale	AUD 4.11	78	FPO	78
28-Jun-19	MEH	On Market Sale	AUD 4.11	88	FPO	88
28-Jun-19	MEH	On Market Sale	AUD 4.16	83	FPO	83
28-Jun-19	MEH	On Market Sale	AUD 4.13	17	FPO	17
28-Jun-19	MEH	On Market Sale	AUD 4.13	119	FPO	119
28-Jun-19	MEH	On Market Sale	AUD 4.17	44	FPO	44
28-Jun-19	MEH	On Market Sale	AUD 4.17	117	FPO	117
28-Jun-19	MEH	On Market Sale	AUD 4.09	105	FPO	105
28-Jun-19	MIMGL	On market purchase	AUD 4.2	19,537	FPO	19,537
28-Jun-19	MIMAL	On market purchase	AUD 4.2	1,631	FPO	1,631
28-Jun-19	MIMAL	On market purchase	AUD 4.2	13,971	FPO	13,971
28-Jun-19	MIMAL	On market purchase	AUD 4.2	11,889	FPO	11,889
28-Jun-19	MIML	On market purchase	AUD 4.19	281	FPO	281
28-Jun-19	MIML	On market purchase	AUD 4.19	857	FPO	857
01-Jul-19	MBL	On Market Purchase	AUD 4.15	2,203	FPO	2,203
01-Jul-19	MBL	Borrow Delivery	AUD 4.305	7,247,000	FPO	7,247,000
01-Jul-19	MBL	Borrow Return	AUD 4.305	-7,247,000	FPO	7,247,000
01-Jul-19	MIML	Transfer out - client account	AUD 0.00	-3,054	FPO	3,054
01-Jul-19	MIML	Transfer in - client account	AUD 0.00	3,054	FPO	3,054
01-Jul-19	MIML	On market purchase	AUD 4.16	803	FPO	803
01-Jul-19	MIML	On market sale	AUD 4.10	-7,627	FPO	7,627
01-Jul-19	MIML	On market sale	AUD 4.10	-2,816	FPO	2,816
01-Jul-19	MIML	On market purchase	AUD 4.16	606	FPO	606
01-Jul-19	MIML	On market purchase	AUD 4.16	997	FPO	997
01-Jul-19	MIML	On market purchase	AUD 4.16	635	FPO	635
01-Jul-19	MIML	On market purchase	AUD 4.16	1,660	FPO	1,660
01-Jul-19	MIML	On market purchase	AUD 4.16	1,019	FPO	1,019
02-Jul-19	MBL	On Market Purchase	AUD 4.12	5,854	FPO	5,854
02-Jul-19	MBL	On Market Purchase	AUD 4.17	734	FPO	734
02-Jul-19	MBL	On Market Purchase	AUD 4.20	1,319	FPO	1,319
02-Jul-19	MIMAL	On market purchase	AUD 4.18	27,385	FPO	27,385
02-Jul-19	MIML	On market purchase	AUD 4.16	2,400	FPO	2,400
02-Jul-19	MIML	On market purchase	AUD 4.14	511	FPO	511
02-Jul-19	MIML	On market sale	AUD 4.15	-3,054	FPO	3,054
03-Jul-19	MBL	On Market Purchase	AUD 4.32	20	FPO	20
03-Jul-19	MBL	On Market Sale	AUD 4.51	-3,524	FPO	3,524
03-Jul-19	MIMAL	On market purchase	AUD 4.35	5,151	FPO	5,151
03-Jul-19	MIMAL	On market purchase	AUD 4.35	40,445	FPO	40,445
03-Jul-19	MIMAL	On market purchase	AUD 4.35	40,320	FPO	40,320
03-Jul-19	MBL	Borrow Delivery	AUD 4.41	125,000	FPO	125,000
03-Jul-19	MBL	Borrow Return	AUD 4.326	-35,648	FPO	35,648
03-Jul-19	MBL	Borrow Return	AUD 4.326	-38,343	FPO	38,343
03-Jul-19	MBL	Borrow Return	AUD 4.326	-51,009	FPO	51,009
03-Jul-19	MIML	On market purchase	AUD 4.45	582	FPO	582
03-Jul-19	MIML	On market purchase	AUD 4.45	1,224	FPO	1,224
03-Jul-19	MIML	On market sale	AUD 4.41	-378	FPO	378
03-Jul-19	MIML	On market purchase	AUD 4.45	2,670	FPO	2,670
03-Jul-19	MIML	On market sale	AUD 4.37	-3,327	FPO	3,327
03-Jul-19	MIML	On market purchase	AUD 4.45	694	FPO	694
03-Jul-19	MIML	On market purchase	AUD 4.45	1,494	FPO	1,494

03-Jul-19	MIML	On market purchase	AUD 4.45	2,442	FPO	2,442
04-Jul-19	MBL	On Market Sale	AUD 4.57	-2,764	FPO	2,764
04-Jul-19	MBL	On Market Purchase	AUD 4.44	3,280	FPO	3,280
04-Jul-19	MEH	On Market Sale	AUD 4.51	-14,634	FPO	14,634
04-Jul-19	MSA	On Market Purchase	AUD 0.00	401	FPO	401
04-Jul-19	MSA	On Market Sale	AUD 0.00	-401	FPO	401
04-Jul-19	MBL	Borrow Delivery	AUD 4.7355	795,000	FPO	795,000
04-Jul-19	MBL	Borrow Delivery	AUD 4.55	4,502,000	FPO	4,502,000
04-Jul-19	MBL	Borrow Return	AUD 4.41	-125,000	FPO	125,000
04-Jul-19	MBL	Borrow Return	AUD 4.326	-5,000	FPO	5,000
04-Jul-19	MBL	Borrow Return	AUD 4.326	-5,963	FPO	5,963
04-Jul-19	MBL	Borrow Return	AUD 4.326	-19,037	FPO	19,037
04-Jul-19	MBL	Borrow Return	AUD 4.326	-4,000	FPO	4,000
04-Jul-19	MBL	Borrow Return	AUD 4.326	-1,371,000	FPO	1,371,000
04-Jul-19	MBL	Borrow Return	AUD 4.326	-31,352	FPO	31,352
04-Jul-19	MBL	Borrow Return	AUD 4.326	-38,000	FPO	38,000
04-Jul-19	MBL	Borrow Return	AUD 4.326	-180,447	FPO	180,447
04-Jul-19	MBL	Borrow Return	AUD 4.326	-77,828	FPO	77,828
04-Jul-19	MBL	Borrow Return	AUD 4.326	-1,894,373	FPO	1,894,373
04-Jul-19	MIML	On market purchase	AUD 4.40	1,449	FPO	1,449
04-Jul-19	MIML	On market purchase	AUD 4.40	450	FPO	450
04-Jul-19	MIML	On market purchase	AUD 4.40	1,450	FPO	1,450
05-Jul-19	MBL	On Market Sale	AUD 4.60	-11,724	FPO	11,724
05-Jul-19	MBL	On Market Purchase	AUD 4.45	3,669	FPO	3,669
05-Jul-19	MEH	On Market Sale	AUD 4.44	-8,047	FPO	8,047
05-Jul-19	MBL	Borrow Return	AUD 4.7355	-500,000	FPO	500,000
05-Jul-19	MIML	On market sale	AUD 4.52	-211	FPO	211
05-Jul-19	MIML	On market purchase	AUD 4.52	303	FPO	303
05-Jul-19	MIML	On market purchase	AUD 4.53	464	FPO	464
05-Jul-19	MIML	On market purchase	AUD 4.52	567	FPO	567
05-Jul-19	MIML	On market purchase	AUD 4.52	170	FPO	170
05-Jul-19	MIML	On market purchase	AUD 4.52	87	FPO	87
05-Jul-19	MIML	On market purchase	AUD 4.52	436	FPO	436
08-Jul-19	MBL	On Market Purchase	AUD 4.54	13,428	FPO	13,428
08-Jul-19	MEH	On Market Sale	AUD 4.60	-14,631	FPO	14,631
08-Jul-19	MBL	Borrow Delivery	AUD 4.83	460,000	FPO	460,000
08-Jul-19	MBL	Borrow Return	AUD 4.83	-460,000	FPO	460,000
08-Jul-19	MIML	On market purchase	AUD 4.55	749	FPO	749
08-Jul-19	MIML	On market purchase	AUD 4.55	2,116	FPO	2,116
08-Jul-19	MIML	On market purchase	AUD 4.55	197	FPO	197
08-Jul-19	MIML	On market purchase	AUD 4.55	1,208	FPO	1,208
08-Jul-19	MIML	On market purchase	AUD 4.55	1,200	FPO	1,200
08-Jul-19	MIML	On market purchase	AUD 4.55	635	FPO	635
09-Jul-19	MBL	On Market Sale	AUD 4.52	-734	FPO	734
09-Jul-19	MBL	On Market Sale	AUD 4.32	-12,324	FPO	12,324
09-Jul-19	MEH	On Market Sale	AUD 4.32	87	FPO	87
09-Jul-19	MEH	On Market Sale	AUD 4.32	239	FPO	239
09-Jul-19	MEH	On Market Sale	AUD 4.32	125	FPO	125
09-Jul-19	MEH	On Market Sale	AUD 4.32	341	FPO	341
09-Jul-19	MEH	On Market Sale	AUD 4.33	272	FPO	272
09-Jul-19	MEH	On Market Sale	AUD 4.31	294	FPO	294
09-Jul-19	MEH	On Market Sale	AUD 4.32	466	FPO	466
09-Jul-19	MEH	On Market Sale	AUD 4.32	14	FPO	14
09-Jul-19	MEH	On Market Sale	AUD 4.31	81	FPO	81
09-Jul-19	MEH	On Market Sale	AUD 4.32	341	FPO	341
09-Jul-19	MEH	On Market Sale	AUD 4.32	259	FPO	259
09-Jul-19	MEH	On Market Sale	AUD 4.31	172	FPO	172
09-Jul-19	MEH	On Market Sale	AUD 4.31	476	FPO	476
09-Jul-19	MEH	On Market Sale	AUD 4.32	399	FPO	399
09-Jul-19	MEH	On Market Sale	AUD 4.32	298	FPO	298
09-Jul-19	MEH	On Market Sale	AUD 4.32	2,762	FPO	2,762
09-Jul-19	MEH	On Market Sale	AUD 4.32	159	FPO	159
09-Jul-19	MEH	On Market Sale	AUD 4.32	313	FPO	313
09-Jul-19	MEH	On Market Sale	AUD 4.32	299	FPO	299
09-Jul-19	MEH	On Market Sale	AUD 4.32	233	FPO	233
09-Jul-19	MEH	On Market Sale	AUD 4.32	1,943	FPO	1,943
09-Jul-19	MEH	On Market Sale	AUD 4.32	902	FPO	902
09-Jul-19	MEH	On Market Sale	AUD 4.32	433	FPO	433
09-Jul-19	MEH	On Market Sale	AUD 4.32	27,667	FPO	27,667
09-Jul-19	MEH	On Market Sale	AUD 4.32	435	FPO	435
09-Jul-19	MEH	On Market Sale	AUD 4.32	2,362	FPO	2,362
09-Jul-19	MEH	On Market Sale	AUD 4.32	3,299	FPO	3,299
09-Jul-19	MEH	On Market Sale	AUD 4.32	105	FPO	105
09-Jul-19	MEH	On Market Sale	AUD 4.32	42	FPO	42
09-Jul-19	MEH	On Market Sale	AUD 4.32	2,789	FPO	2,789
09-Jul-19	MEH	On Market Sale	AUD 4.32	5,719	FPO	5,719

09-Jul-19	MEH	On Market Sale	AUD 4.32	2,633	FPO	2,633
09-Jul-19	MEH	On Market Sale	AUD 4.32	3,972	FPO	3,972
09-Jul-19	MEH	On Market Sale	AUD 4.32	29	FPO	29
09-Jul-19	MEH	On Market Sale	AUD 4.31	81	FPO	81
09-Jul-19	MEH	On Market Sale	AUD 4.31	91	FPO	91
09-Jul-19	MEH	On Market Sale	AUD 4.31	251	FPO	251
09-Jul-19	MEH	On Market Sale	AUD 4.31	225	FPO	225
09-Jul-19	MEH	On Market Sale	AUD 4.31	103	FPO	103
09-Jul-19	MEH	On Market Sale	AUD 4.33	341	FPO	341
09-Jul-19	MEH	On Market Sale	AUD 4.32	341	FPO	341
09-Jul-19	MIML	On market purchase	AUD 4.42	239	FPO	239
09-Jul-19	MIML	On market purchase	AUD 4.42	581	FPO	581
09-Jul-19	MIML	On market purchase	AUD 4.42	651	FPO	651
09-Jul-19	MIML	On market sale	AUD 4.41	-192	FPO	192
09-Jul-19	MIML	On market purchase	AUD 4.42	505	FPO	505
09-Jul-19	MIML	On market sale	AUD 4.41	-1,887	FPO	1,887
09-Jul-19	MIML	On market purchase	AUD 4.42	2,708	FPO	2,708
09-Jul-19	MIML	On market purchase	AUD 4.42	524	FPO	524
09-Jul-19	MIML	On market purchase	AUD 4.32	5,632	FPO	5,632
10-Jul-19	MBL	On Market Sale	AUD 4.36	-1,908	FPO	1,908
10-Jul-19	MEH	On Market Sale	AUD 4.37	84	FPO	84
10-Jul-19	MEH	On Market Sale	AUD 4.37	898	FPO	898
10-Jul-19	MEH	On Market Sale	AUD 4.37	294	FPO	294
10-Jul-19	MEH	On Market Sale	AUD 4.37	55	FPO	55
10-Jul-19	MEH	On Market Sale	AUD 4.37	905	FPO	905
10-Jul-19	MEH	On Market Sale	AUD 4.37	48	FPO	48
10-Jul-19	MEH	On Market Sale	AUD 4.38	86	FPO	86
10-Jul-19	MEH	On Market Sale	AUD 4.37	225	FPO	225
10-Jul-19	MEH	On Market Sale	AUD 4.37	1,128	FPO	1,128
10-Jul-19	MEH	On Market Sale	AUD 4.37	198	FPO	198
10-Jul-19	MEH	On Market Sale	AUD 4.38	1	FPO	1
10-Jul-19	MEH	On Market Sale	AUD 4.38	113	FPO	113
10-Jul-19	MEH	On Market Sale	AUD 4.39	1,528	FPO	1,528
10-Jul-19	MEH	On Market Sale	AUD 4.38	215	FPO	215
10-Jul-19	MEH	On Market Sale	AUD 4.38	219	FPO	219
10-Jul-19	MEH	On Market Sale	AUD 4.38	114	FPO	114
10-Jul-19	MEH	On Market Sale	AUD 4.30	-796	FPO	796
10-Jul-19	MEH	On Market Sale	AUD 4.30	-538	FPO	538
10-Jul-19	MEH	On Market Sale	AUD 4.30	-500	FPO	500
10-Jul-19	MEH	On Market Sale	AUD 4.30	-600	FPO	600
10-Jul-19	MEH	On Market Sale	AUD 4.30	-200	FPO	200
10-Jul-19	MEH	On Market Sale	AUD 4.30	-3,477	FPO	3,477
10-Jul-19	MEH	On Market Sale	AUD 4.38	485	FPO	485
10-Jul-19	MEH	On Market Sale	AUD 4.36	343	FPO	343
10-Jul-19	MEH	On Market Sale	AUD 4.39	2	FPO	2
10-Jul-19	MEH	On Market Sale	AUD 4.39	1	FPO	1
10-Jul-19	MEH	On Market Sale	AUD 4.39	222	FPO	222
10-Jul-19	MEH	On Market Sale	AUD 4.39	40	FPO	40
10-Jul-19	MEH	On Market Sale	AUD 4.39	8	FPO	8
10-Jul-19	MEH	On Market Sale	AUD 4.39	202	FPO	202
10-Jul-19	MEH	On Market Sale	AUD 4.39	10	FPO	10
10-Jul-19	MEH	On Market Sale	AUD 4.36	151	FPO	151
10-Jul-19	MEH	On Market Sale	AUD 4.36	364	FPO	364
10-Jul-19	MEH	On Market Sale	AUD 4.36	142	FPO	142
10-Jul-19	MEH	On Market Sale	AUD 4.32	-29,263	FPO	29,263
10-Jul-19	MEH	On Market Sale	AUD 4.37	124	FPO	124
10-Jul-19	MEH	On Market Sale	AUD 4.37	370	FPO	370
10-Jul-19	MEH	On Market Sale	AUD 4.37	153	FPO	153
10-Jul-19	MEH	On Market Sale	AUD 4.37	299	FPO	299
10-Jul-19	MEH	On Market Sale	AUD 4.38	460	FPO	460
10-Jul-19	MEH	On Market Sale	AUD 4.39	24	FPO	24
10-Jul-19	MEH	On Market Sale	AUD 4.39	174	FPO	174
10-Jul-19	MEH	On Market Sale	AUD 4.39	287	FPO	287
10-Jul-19	MEH	On Market Sale	AUD 4.38	485	FPO	485
10-Jul-19	MEH	On Market Sale	AUD 4.39	103	FPO	103
10-Jul-19	MEH	On Market Sale	AUD 4.39	72	FPO	72
10-Jul-19	MEH	On Market Sale	AUD 4.39	155	FPO	155
10-Jul-19	MEH	On Market Sale	AUD 4.39	150	FPO	150
10-Jul-19	MEH	On Market Sale	AUD 4.39	6	FPO	6
10-Jul-19	MEH	On Market Sale	AUD 4.35	39	FPO	39
10-Jul-19	MEH	On Market Sale	AUD 4.35	9	FPO	9
10-Jul-19	MEH	On Market Sale	AUD 4.35	92	FPO	92
10-Jul-19	MEH	On Market Sale	AUD 4.35	339	FPO	339
10-Jul-19	MEH	On Market Sale	AUD 4.38	485	FPO	485
10-Jul-19	MEH	On Market Sale	AUD 4.39	486	FPO	486
10-Jul-19	MEH	On Market Sale	AUD 4.38	142	FPO	142

10-Jul-19	MEH	On Market Sale	AUD 4.38	343	FPO	343
10-Jul-19	MEH	On Market Sale	AUD 4.38	43	FPO	43
10-Jul-19	MEH	On Market Sale	AUD 4.38	137	FPO	137
10-Jul-19	MEH	On Market Sale	AUD 4.38	331	FPO	331
10-Jul-19	MEH	On Market Sale	AUD 4.36	11,745	FPO	11,745
10-Jul-19	MEH	On Market Sale	AUD 4.36	12,729	FPO	12,729
10-Jul-19	MEH	On Market Sale	AUD 4.36	6,501	FPO	6,501
10-Jul-19	MEH	On Market Sale	AUD 4.36	8	FPO	8
10-Jul-19	MEH	On Market Sale	AUD 4.36	20,020	FPO	20,020
10-Jul-19	MEH	On Market Sale	AUD 4.36	210	FPO	210
10-Jul-19	MEH	On Market Sale	AUD 4.35	345	FPO	345
10-Jul-19	MEH	On Market Sale	AUD 4.32	-43,894	FPO	43,894
10-Jul-19	MEH	On Market Sale	AUD 4.38	485	FPO	485
10-Jul-19	MEH	On Market Sale	AUD 4.39	485	FPO	485
10-Jul-19	MEH	On Market Sale	AUD 4.38	486	FPO	486
10-Jul-19	MEH	On Market Sale	AUD 4.37	1,045	FPO	1,045
10-Jul-19	MEH	On Market Sale	AUD 4.30	492	FPO	492
10-Jul-19	MEH	On Market Sale	AUD 4.35	142	FPO	142
10-Jul-19	MEH	On Market Sale	AUD 4.36	-3,218	FPO	3,218
10-Jul-19	MBL	Borrow Return	AUD 4.767	-10,000	FPO	10,000
10-Jul-19	MIML	Transfer out - client account	AUD 0.00	-5,959	FPO	5,959
10-Jul-19	MIML	On market purchase	AUD 4.39	2,590	FPO	2,590
10-Jul-19	MIML	On market sale	AUD 4.42	-74	FPO	74
10-Jul-19	MIML	On market purchase	AUD 4.39	800	FPO	800
10-Jul-19	MIML	On market purchase	AUD 4.43	1,541	FPO	1,541
10-Jul-19	MIML	On market purchase	AUD 4.39	1,043	FPO	1,043
10-Jul-19	MIML	On market purchase	AUD 4.39	1,169	FPO	1,169
10-Jul-19	MIML	On market purchase	AUD 4.39	200	FPO	200
10-Jul-19	MIML	On market purchase	AUD 4.39	1,425	FPO	1,425
10-Jul-19	MIML	On market purchase	AUD 4.39	249	FPO	249
10-Jul-19	MIML	On market purchase	AUD 4.39	883	FPO	883
11-Jul-19	MBL	On Market Purchase	AUD 4.36	7,316	FPO	7,316
11-Jul-19	MBL	On Market Purchase	AUD 4.48	757	FPO	757
11-Jul-19	MBL	On Market Purchase	AUD 4.47	1,611	FPO	1,611
11-Jul-19	MBL	On Market Purchase	AUD 4.45	733	FPO	733
11-Jul-19	MBL	On Market Purchase	AUD 4.47	1,931	FPO	1,931
11-Jul-19	MBL	On Market Purchase	AUD 4.42	2,382	FPO	2,382
11-Jul-19	MBL	On Market Purchase	AUD 4.47	853	FPO	853
11-Jul-19	MBL	On Market Purchase	AUD 4.43	1,117	FPO	1,117
11-Jul-19	MBL	On Market Purchase	AUD 4.48	2,058	FPO	2,058
11-Jul-19	MBL	On Market Purchase	AUD 4.45	1,938	FPO	1,938
11-Jul-19	MBL	On Market Purchase	AUD 4.47	1,554	FPO	1,554
11-Jul-19	MBL	On Market Purchase	AUD 4.45	707	FPO	707
11-Jul-19	MEH	On Market Sale	AUD 4.37	-80	FPO	80
11-Jul-19	MEH	On Market Sale	AUD 4.37	-7	FPO	7
11-Jul-19	MEH	On Market Sale	AUD 4.37	-29	FPO	29
11-Jul-19	MEH	On Market Sale	AUD 4.37	-28	FPO	28
11-Jul-19	MEH	On Market Sale	AUD 4.37	-1,782	FPO	1,782
11-Jul-19	MEH	On Market Sale	AUD 4.37	-34	FPO	34
11-Jul-19	MEH	On Market Sale	AUD 4.37	-359	FPO	359
11-Jul-19	MEH	On Market Sale	AUD 4.37	-322	FPO	322
11-Jul-19	MEH	On Market Sale	AUD 4.37	-1,110	FPO	1,110
11-Jul-19	MEH	On Market Sale	AUD 4.37	-539	FPO	539
11-Jul-19	MEH	On Market Sale	AUD 4.37	-298	FPO	298
11-Jul-19	MEH	On Market Sale	AUD 4.45	605	FPO	605
11-Jul-19	MEH	On Market Sale	AUD 4.37	-139	FPO	139
11-Jul-19	MEH	On Market Sale	AUD 4.37	-535	FPO	535
11-Jul-19	MEH	On Market Sale	AUD 4.37	-793	FPO	793
11-Jul-19	MEH	On Market Sale	AUD 4.41	605	FPO	605
11-Jul-19	MEH	On Market Sale	AUD 4.41	605	FPO	605
11-Jul-19	MEH	On Market Sale	AUD 4.46	2,067	FPO	2,067
11-Jul-19	MEH	On Market Sale	AUD 4.47	78	FPO	78
11-Jul-19	MEH	On Market Sale	AUD 4.48	117	FPO	117
11-Jul-19	MEH	On Market Sale	AUD 4.48	488	FPO	488
11-Jul-19	MEH	On Market Sale	AUD 4.45	1,416	FPO	1,416
11-Jul-19	MEH	On Market Sale	AUD 4.47	74	FPO	74
11-Jul-19	MEH	On Market Sale	AUD 4.42	16	FPO	16
11-Jul-19	MEH	On Market Sale	AUD 4.37	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.44	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.42	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.41	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.44	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.41	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.42	19	FPO	19
11-Jul-19	MEH	On Market Sale	AUD 4.41	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.43	18	FPO	18

11-Jul-19	MEH	On Market Sale	AUD 4.42	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.36	-13,373	FPO	13,373
11-Jul-19	MEH	On Market Sale	AUD 4.43	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.43	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.41	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.45	-139	FPO	139
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.42	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.44	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.44	16	FPO	16
11-Jul-19	MEH	On Market Sale	AUD 4.44	3	FPO	3
11-Jul-19	MEH	On Market Sale	AUD 4.42	19	FPO	19
11-Jul-19	MEH	On Market Sale	AUD 4.44	16	FPO	16
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.44	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.45	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.44	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.42	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.41	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.41	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.43	19	FPO	19
11-Jul-19	MEH	On Market Sale	AUD 4.44	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.43	17	FPO	17
11-Jul-19	MEH	On Market Sale	AUD 4.43	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.42	18	FPO	18
11-Jul-19	MEH	On Market Sale	AUD 4.42	58	FPO	58
11-Jul-19	MBL	Borrow Return	AUD 4.536	-60,000	FPO	60,000
11-Jul-19	MIML	Transfer out - client account	AUD 0.00	-2,497	FPO	2,497
11-Jul-19	MIML	On market purchase	AUD 4.48	1,102	FPO	1,102
11-Jul-19	MIML	On market purchase	AUD 4.48	105	FPO	105
11-Jul-19	MIML	On market purchase	AUD 4.48	1,133	FPO	1,133
11-Jul-19	MIML	On market purchase	AUD 4.48	46	FPO	46
11-Jul-19	MIML	On market sale	AUD 4.47	-226	FPO	226
12-Jul-19	MBL	On Market Sale	AUD 4.31	-3,794	FPO	3,794
12-Jul-19	MEH	On Market Sale	AUD 4.36	7	FPO	7
12-Jul-19	MEH	On Market Sale	AUD 4.36	17	FPO	17
12-Jul-19	MEH	On Market Sale	AUD 4.36	10	FPO	10
12-Jul-19	MEH	On Market Sale	AUD 4.35	7	FPO	7
12-Jul-19	MEH	On Market Sale	AUD 4.35	2	FPO	2
12-Jul-19	MEH	On Market Sale	AUD 4.35	2	FPO	2
12-Jul-19	MEH	On Market Sale	AUD 4.45	-119	FPO	119
12-Jul-19	MEH	On Market Sale	AUD 4.36	23	FPO	23
12-Jul-19	MEH	On Market Sale	AUD 4.35	19	FPO	19
12-Jul-19	MEH	On Market Sale	AUD 4.35	32	FPO	32
12-Jul-19	MEH	On Market Sale	AUD 4.31	-42	FPO	42
12-Jul-19	MEH	On Market Sale	AUD 4.31	-5,582	FPO	5,582
12-Jul-19	MEH	On Market Sale	AUD 4.31	-6,926	FPO	6,926
12-Jul-19	MIML	On market purchase	AUD 4.35	219	FPO	219
12-Jul-19	MIML	On market purchase	AUD 4.35	527	FPO	527
12-Jul-19	MIML	On market purchase	AUD 4.35	4,475	FPO	4,475
12-Jul-19	MIML	On market purchase	AUD 4.35	414	FPO	414
12-Jul-19	MIML	On market purchase	AUD 4.35	540	FPO	540
12-Jul-19	MIML	On market purchase	AUD 4.35	2,895	FPO	2,895
12-Jul-19	MIML	On market sale	AUD 4.36	-64	FPO	64
12-Jul-19	MIML	On market purchase	AUD 4.35	134	FPO	134
12-Jul-19	MIML	On market purchase	AUD 4.35	2,249	FPO	2,249
15-Jul-19	MBL	On Market Sale	AUD 4.30	-3,033	FPO	3,033
15-Jul-19	MBL	On Market Purchase	AUD 4.27	5,902	FPO	5,902
15-Jul-19	MEH	On Market Sale	AUD 4.28	-552	FPO	552
15-Jul-19	MEH	On Market Sale	AUD 4.23	-89	FPO	89
15-Jul-19	MEH	On Market Sale	AUD 4.23	-100	FPO	100
15-Jul-19	MEH	On Market Sale	AUD 4.23	-7	FPO	7
15-Jul-19	MEH	On Market Sale	AUD 4.23	-699	FPO	699
15-Jul-19	MEH	On Market Sale	AUD 4.23	-394	FPO	394
15-Jul-19	MEH	On Market Sale	AUD 4.23	-242	FPO	242
15-Jul-19	MEH	On Market Sale	AUD 4.28	-546	FPO	546
15-Jul-19	MEH	On Market Sale	AUD 4.27	-1,964	FPO	1,964
15-Jul-19	MEH	On Market Sale	AUD 4.30	317	FPO	317
15-Jul-19	MEH	On Market Sale	AUD 4.30	194	FPO	194
15-Jul-19	MEH	On Market Sale	AUD 4.30	55	FPO	55
15-Jul-19	MEH	On Market Sale	AUD 4.30	373	FPO	373
15-Jul-19	MEH	On Market Sale	AUD 4.30	146	FPO	146
15-Jul-19	MEH	On Market Sale	AUD 4.30	37	FPO	37

15-Jul-19	MEH	On Market Sale	AUD 4.30	145	FPO	145
15-Jul-19	MEH	On Market Sale	AUD 4.30	1,597	FPO	1,597
15-Jul-19	MEH	On Market Sale	AUD 4.30	256	FPO	256
15-Jul-19	MEH	On Market Sale	AUD 4.30	743	FPO	743
15-Jul-19	MEH	On Market Sale	AUD 4.30	1	FPO	1
15-Jul-19	MEH	On Market Sale	AUD 4.30	93	FPO	93
15-Jul-19	MEH	On Market Sale	AUD 4.30	10	FPO	10
15-Jul-19	MEH	On Market Sale	AUD 4.27	-28	FPO	28
15-Jul-19	MEH	On Market Sale	AUD 4.27	-1,504	FPO	1,504
15-Jul-19	MEH	On Market Sale	AUD 4.30	1,012	FPO	1,012
15-Jul-19	MEH	On Market Sale	AUD 4.30	14	FPO	14
15-Jul-19	MEH	On Market Sale	AUD 4.30	1	FPO	1
15-Jul-19	MEH	On Market Sale	AUD 4.30	146	FPO	146
15-Jul-19	MEH	On Market Sale	AUD 4.30	118	FPO	118
15-Jul-19	MEH	On Market Sale	AUD 4.30	867	FPO	867
15-Jul-19	MEH	On Market Sale	AUD 4.27	-65	FPO	65
15-Jul-19	MIMAL	On market sale	AUD 4.27	-9,661	FPO	9,661
15-Jul-19	MBL	Borrow Delivery	AUD 4.806	175,000	FPO	175,000
15-Jul-19	MIML	Transfer in - client account	AUD 0.00	873	FPO	873
15-Jul-19	MIML	Transfer out - client account	AUD 0.00	-873	FPO	873
15-Jul-19	MIML	On market purchase	AUD 4.29	761	FPO	761
15-Jul-19	MIML	On market sale	AUD 4.26	-1,143	FPO	1,143
15-Jul-19	MIML	On market purchase	AUD 4.29	862	FPO	862
15-Jul-19	MIML	On market purchase	AUD 4.29	1,935	FPO	1,935
15-Jul-19	MIML	On market sale	AUD 4.26	-298	FPO	298
15-Jul-19	MIML	On market sale	AUD 4.26	-205	FPO	205
15-Jul-19	MIML	On market purchase	AUD 4.29	1,976	FPO	1,976
16-Jul-19	MBL	Off Market Sale	AUD 4.40	-18	FPO	18
16-Jul-19	MBL	On Market Purchase	AUD 4.40	129	FPO	129
16-Jul-19	MBL	Off Market Purchase	AUD 4.40	18	FPO	18
16-Jul-19	MBL	On Market Sale	AUD 4.28	-3,190	FPO	3,190
16-Jul-19	MEH	On Market Sale	AUD 4.37	-108	FPO	108
16-Jul-19	MEH	On Market Sale	AUD 4.37	-427	FPO	427
16-Jul-19	MEH	On Market Sale	AUD 4.37	-426	FPO	426
16-Jul-19	MEH	On Market Sale	AUD 4.37	-109	FPO	109
16-Jul-19	MEH	On Market Sale	AUD 4.37	-535	FPO	535
16-Jul-19	MEH	On Market Sale	AUD 4.37	-181	FPO	181
16-Jul-19	MEH	On Market Sale	AUD 4.35	-47	FPO	47
16-Jul-19	MEH	On Market Sale	AUD 4.35	-22	FPO	22
16-Jul-19	MEH	On Market Sale	AUD 4.37	-23	FPO	23
16-Jul-19	MEH	On Market Sale	AUD 4.37	-79	FPO	79
16-Jul-19	MEH	On Market Sale	AUD 4.37	-487	FPO	487
16-Jul-19	MEH	On Market Sale	AUD 4.27	3,033	FPO	3,033
16-Jul-19	MEH	On Market Sale	AUD 4.27	288	FPO	288
16-Jul-19	MEH	On Market Sale	AUD 4.35	-104	FPO	104
16-Jul-19	MEH	On Market Sale	AUD 4.35	-249	FPO	249
16-Jul-19	MEH	On Market Sale	AUD 4.35	-249	FPO	249
16-Jul-19	MEH	On Market Sale	AUD 4.37	-59	FPO	59
16-Jul-19	MEH	On Market Sale	AUD 4.38	-57	FPO	57
16-Jul-19	MEH	On Market Sale	AUD 4.35	-159	FPO	159
16-Jul-19	MEH	On Market Sale	AUD 4.40	-12,397	FPO	12,397
16-Jul-19	MEH	On Market Sale	AUD 4.40	-16,614	FPO	16,614
16-Jul-19	MEH	On Market Sale	AUD 4.27	29,263	FPO	29,263
16-Jul-19	MEH	On Market Sale	AUD 4.40	-3,521	FPO	3,521
16-Jul-19	MIML	Transfer in - client account	AUD 0.00	1,709	FPO	1,709
16-Jul-19	MIML	On market purchase	AUD 4.28	347	FPO	347
16-Jul-19	MIML	On market purchase	AUD 4.40	492	FPO	492
16-Jul-19	MIML	On market purchase	AUD 4.40	1,142	FPO	1,142
16-Jul-19	MIML	On market purchase	AUD 4.37	4,614	FPO	4,614
16-Jul-19	MIML	On market purchase	AUD 4.40	1,672	FPO	1,672
16-Jul-19	MIML	On market purchase	AUD 4.42	1,137	FPO	1,137
17-Jul-19	MBL	On Market Purchase	AUD 4.39	176	FPO	176
17-Jul-19	MBL	On Market Purchase	AUD 4.40	146	FPO	146
17-Jul-19	MBL	On Market Purchase	AUD 4.39	411	FPO	411
17-Jul-19	MBL	On Market Purchase	AUD 4.42	291	FPO	291
17-Jul-19	MBL	On Market Purchase	AUD 4.38	205	FPO	205
17-Jul-19	MBL	On Market Sale	AUD 4.39	-3,213	FPO	3,213
17-Jul-19	MBL	On Market Purchase	AUD 4.40	436	FPO	436
17-Jul-19	MBL	On Market Sale	AUD 4.40	-8	FPO	8
17-Jul-19	MBL	On Market Purchase	AUD 4.39	176	FPO	176
17-Jul-19	MEH	On Market Sale	AUD 4.41	-75	FPO	75
17-Jul-19	MEH	On Market Sale	AUD 4.41	-75	FPO	75
17-Jul-19	MEH	On Market Sale	AUD 4.43	-27	FPO	27
17-Jul-19	MEH	On Market Sale	AUD 4.41	-75	FPO	75
17-Jul-19	MEH	On Market Sale	AUD 4.40	-30	FPO	30
17-Jul-19	MBL	Borrow Return	AUD 4.4835	-145,000	FPO	145,000

17-Jul-19	MIML	On market purchase	AUD 4.41	207	FPO	207
17-Jul-19	MIML	On market sale	AUD 4.42	-522	FPO	522
17-Jul-19	MIML	On market purchase	AUD 4.41	904	FPO	904
17-Jul-19	MIML	On market purchase	AUD 4.41	596	FPO	596
17-Jul-19	MIML	On market purchase	AUD 4.41	818	FPO	818
17-Jul-19	MIML	On market purchase	AUD 4.41	804	FPO	804
17-Jul-19	MIML	On market purchase	AUD 4.41	271	FPO	271
17-Jul-19	MIML	On market purchase	AUD 4.41	83	FPO	83
17-Jul-19	MIML	On market purchase	AUD 4.41	646	FPO	646
17-Jul-19	MIML	On market purchase	AUD 4.41	4,081	FPO	4,081
18-Jul-19	MBL	On Market Purchase	AUD 4.38	7,023	FPO	7,023
18-Jul-19	MBL	On Market Sale	AUD 4.37	-183	FPO	183
18-Jul-19	MBL	On Market Sale	AUD 4.39	-10,265	FPO	10,265
18-Jul-19	MEH	On Market Sale	AUD 4.36	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.36	67	FPO	67
18-Jul-19	MEH	On Market Sale	AUD 4.36	80	FPO	80
18-Jul-19	MEH	On Market Sale	AUD 4.39	59	FPO	59
18-Jul-19	MEH	On Market Sale	AUD 4.39	64	FPO	64
18-Jul-19	MEH	On Market Sale	AUD 4.35	17	FPO	17
18-Jul-19	MEH	On Market Sale	AUD 4.38	-726	FPO	726
18-Jul-19	MEH	On Market Sale	AUD 4.38	-454	FPO	454
18-Jul-19	MEH	On Market Sale	AUD 4.38	-1,752	FPO	1,752
18-Jul-19	MEH	On Market Sale	AUD 4.36	87	FPO	87
18-Jul-19	MEH	On Market Sale	AUD 4.35	36	FPO	36
18-Jul-19	MEH	On Market Sale	AUD 4.35	95	FPO	95
18-Jul-19	MEH	On Market Sale	AUD 4.33	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.32	128	FPO	128
18-Jul-19	MEH	On Market Sale	AUD 4.39	1	FPO	1
18-Jul-19	MEH	On Market Sale	AUD 4.33	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.32	72	FPO	72
18-Jul-19	MEH	On Market Sale	AUD 4.39	80	FPO	80
18-Jul-19	MEH	On Market Sale	AUD 4.39	78	FPO	78
18-Jul-19	MEH	On Market Sale	AUD 4.38	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.39	67	FPO	67
18-Jul-19	MEH	On Market Sale	AUD 4.39	52	FPO	52
18-Jul-19	MEH	On Market Sale	AUD 4.39	145	FPO	145
18-Jul-19	MEH	On Market Sale	AUD 4.39	75	FPO	75
18-Jul-19	MEH	On Market Sale	AUD 4.38	84	FPO	84
18-Jul-19	MEH	On Market Sale	AUD 4.33	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.39	51	FPO	51
18-Jul-19	MEH	On Market Sale	AUD 4.39	66	FPO	66
18-Jul-19	MEH	On Market Sale	AUD 4.39	1	FPO	1
18-Jul-19	MEH	On Market Sale	AUD 4.39	87	FPO	87
18-Jul-19	MEH	On Market Sale	AUD 4.31	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.39	78	FPO	78
18-Jul-19	MEH	On Market Sale	AUD 4.38	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.37	95	FPO	95
18-Jul-19	MEH	On Market Sale	AUD 4.38	88	FPO	88
18-Jul-19	MEH	On Market Sale	AUD 4.33	28	FPO	28
18-Jul-19	MEH	On Market Sale	AUD 4.33	51	FPO	51
18-Jul-19	MEH	On Market Sale	AUD 4.33	67	FPO	67
18-Jul-19	MEH	On Market Sale	AUD 4.34	30	FPO	30
18-Jul-19	MEH	On Market Sale	AUD 4.34	86	FPO	86
18-Jul-19	MEH	On Market Sale	AUD 4.39	63	FPO	63
18-Jul-19	MEH	On Market Sale	AUD 4.38	87	FPO	87
18-Jul-19	MEH	On Market Sale	AUD 4.38	75	FPO	75
18-Jul-19	MEH	On Market Sale	AUD 4.33	76	FPO	76
18-Jul-19	MEH	On Market Sale	AUD 4.39	-8	FPO	8
18-Jul-19	MIMAL	On market sale	AUD 4.38	-4,519	FPO	4,519
18-Jul-19	MIML	On market purchase	AUD 4.36	934	FPO	934
18-Jul-19	MIML	On market purchase	AUD 4.36	337	FPO	337
18-Jul-19	MIML	On market purchase	AUD 4.36	244	FPO	244
18-Jul-19	MIML	On market purchase	AUD 4.36	1,830	FPO	1,830
18-Jul-19	MIML	On market purchase	AUD 4.36	2,239	FPO	2,239
18-Jul-19	MIML	On market sale	AUD 4.30	-448	FPO	448
19-Jul-19	MBL	On Market Sale	AUD 4.43	-992	FPO	992
19-Jul-19	MBL	On Market Sale	AUD 4.58	-4,789	FPO	4,789
19-Jul-19	MEH	Sell	AUD 4.43	-720	FPO	720
19-Jul-19	MEH	Sell	AUD 4.43	-211	FPO	211
19-Jul-19	MEH	Sell	AUD 4.43	-301	FPO	301
19-Jul-19	MEH	Sell	AUD 4.43	-357	FPO	357
19-Jul-19	MEH	Sell	AUD 4.43	-543	FPO	543
19-Jul-19	MEH	Sell	AUD 4.43	-133	FPO	133
19-Jul-19	MEH	Sell	AUD 4.43	-127	FPO	127
19-Jul-19	MEH	Buy	AUD 4.46	92	FPO	92
19-Jul-19	MEH	Buy	AUD 4.46	266	FPO	266

19-Jul-19	MEH	Buy	AUD 4.545	358	FPO	358
19-Jul-19	MEH	Buy	AUD 4.48	478	FPO	478
19-Jul-19	MEH	Buy	AUD 4.565	108	FPO	108
19-Jul-19	MEH	Buy	AUD 4.565	108	FPO	108
19-Jul-19	MEH	Buy	AUD 4.565	108	FPO	108
19-Jul-19	MEH	Buy	AUD 4.565	38	FPO	38
19-Jul-19	MEH	Buy	AUD 4.58	4,606	FPO	4,606
19-Jul-19	MEH	Buy	AUD 4.58	276	FPO	276
19-Jul-19	MEH	Buy	AUD 4.58	1,178	FPO	1,178
19-Jul-19	MEH	Buy	AUD 4.5	123	FPO	123
19-Jul-19	MEH	Buy	AUD 4.5	355	FPO	355
19-Jul-19	MEH	Buy	AUD 4.53	265	FPO	265
19-Jul-19	MEH	Buy	AUD 4.53	93	FPO	93
19-Jul-19	MIMAL	On market purchase	AUD 4.57	1,161	FPO	1,161
19-Jul-19	MBL	Borrow Delivery	AUD 4.62	48,394	FPO	48,394
19-Jul-19	MBL	Borrow Delivery	AUD 4.6095	52,612	FPO	52,612
19-Jul-19	MBL	Borrow Delivery	AUD 4.6095	48,994	FPO	48,994
19-Jul-19	MBL	Borrow Delivery	AUD 4.752	850,850	FPO	850,850
19-Jul-19	MBL	Borrow Delivery	AUD 4.62	6,000,000	FPO	6,000,000
19-Jul-19	MIML	On market purchase	AUD 4.48	996	FPO	996
19-Jul-19	MIML	Transfer in - client account	AUD 0.00	1,235	FPO	1,235
19-Jul-19	MIML	On market purchase	AUD 4.48	814	FPO	814