

## UNDERTAKING TO THE CLEAN ENERGY REGULATOR

Undertaking to the Clean Energy Regulator given for the purposes of section 154Q of the  
*Renewable Energy (Electricity) Act 2000*

by

P & N NSW Pty Ltd (ACN: 145 998 929)

### 1. Glossary

1.1. In this Undertaking, unless the contrary intention appears, the definitions in section 5 of the Act, regulation 3 of the Regulations and this subclause apply:

**Act** means the *Renewable Energy (Electricity) Act 2000*.

**AS/NZS 5033** means *AS/NZS 5033 Installation and safety requirements for photovoltaic (PV) arrays*.

**CEC** means Clean Energy Council.

**Dispose** means the destruction or deportation out of Australia of Non-Compliant PV Panels.

**Existing Non-Compliant PV panels** means the existing non-genuine solar PV panels identified in Annexure A.

**New Compliant PV System** means unused AS/NZS 5033 compliant solar PV modules and a CEC approved inverter that is listed at [www.cleanenergycouncil.org.au](http://www.cleanenergycouncil.org.au), agreed by the Regulator and P & N.

**Non-Compliant PV Panels** means solar PV panels not AS/NZS 5033 compliant.

**P & N** means P & N NSW Pty Ltd (ACN: 145 998 929) registered at 6A/163 Prospect Highway, Seven Hills, New South Wales, 2147.

**REC Registry** means the public registry of information maintained by the Regulator in accordance with Part 13 of the Act and which is published at <http://www.rec-registry.gov.au>.

**Regulations** means the *Renewable Energy (Electricity) Regulations 2001*.

**Regulator** means the Clean Energy Regulator.

**Regulatory Requirements** means the legal requirements required to be complied with for the installation and operation of solar PV panels in Australia and includes without limitation the Act, Regulations, CEC Guidance, Australian Standards, Federal and State and Territory based Australia consumer Law and laws in respect of health and safety.

**Sites** means the addresses where Non-Compliant PV Panels have been installed.

**Solar PV installations** means solar PV module installations where STCs have been created by P & N. These are identified in Annexures A, B and C.

**Solar PV module** means solar photovoltaic panel module.

**STC** means small-scale technology certificate.

## **2. Background**

### ***Person giving Undertaking***

- 2.1. This Undertaking is given by P & N and its Director Darshanaben Patel, jointly and severally, for the purposes of section 154Q of the Act.
- 2.2. P & N is an Australian propriety company limited by shares.
- 2.3. P & N has been a registered person under the Act since October 2010 and (amongst other things) creates, aggregates and sells STCs.
- 2.4. P & N have indicated that it is undergoing a corporate re-structure, however this restructure will not affect P & N's commitments in this Undertaking.

### ***The creation of STCs***

- 2.5. The Regulator is a statutory agency with responsibility for administering and enforcing the Act and Regulations.
- 2.6. Under the Act, registered persons can create certificates for electricity generated from certain renewable energy sources. Regulation 20AC of the Regulations sets out the conditions which must be satisfied before certificates can be created in respect of a small generation unit.
- 2.7. Included in those conditions is the requirement, under subregulation 20AC(5), to obtain a written statement by the installer that the installation has used a model of photovoltaic module listed in AS/NZS 5033.
- 2.8. P & N improperly created, in contravention of section 24 of the Act, STCs from installations of Existing Non-Compliant PV Panels in Western Australian, New South Wales and South Australia.
- 2.9. P & N's compliance procedures did not identify, at the time of STC creation, that the Existing Non-Compliant PV Panels were non-genuine solar PV panels.
- 2.10. P & N have cooperated with the Regulator in coming to an agreeable outcome.

## **3. Enforceable undertaking**

- 3.1. Under section 154Q of the Act, the Regulator may accept any of the following undertakings:
  - a) A written undertaking given by a person that the person will, in order to comply with the Act, the Regulations or the associated provisions, take specified action;
  - b) A written undertaking given by a person that the person will, in order to comply with the Act, the Regulations or the associated provisions, refrain from taking specified action;
  - c) A written undertaking given by a person that the person will take specified action directed towards ensuring that the person does not contravene the Act; the Regulations or the associated provisions, or is unlikely to contravene the Act, the Regulations or the associated provisions, in the future; or

- d) A written undertaking given by a person that the person will surrender one or more renewable energy certificates under section 28A of the Act, to compensate for the creation of one or more certificates that the person was not entitled to create.

3.2. P & N hereby undertakes to:

*Compliance Program*

- a) implement a Compliance Program and provide a copy of the Program to the Regulator within two months of the acceptance of this Undertaking. The Compliance Program will include:
  - i. procedures to ensure only New Compliant PV Systems are installed for P & N REC Registry STC creations;
  - ii. a barcoding and STC management mobile phone application; and
  - iii. the creation of an internal compliance group, including senior management and legal counsel;

*Rectify installation of Existing Non-Compliant PV Panels and improper creation of STCS*

- b) rectify the installation of the Existing Non-Compliant PV Panels and improper creation of STCS within six months of the acceptance of this Undertaking in the following manner:
  - i. surrender 1,058 STCs equivalent to the amount created from the Existing Non-Compliant PV Panels identified in Annexure A;
  - ii. write, in a form approved by the Regulator, to the owners and the occupiers of the Solar PV Installations identified in Annexure A, to obtain consent to replace the Existing Non-Compliant PV Panels with New Compliant PV Systems;
  - iii. replace, using a CEC-accredited installer (or installers) agreed with the Regulator, the Existing Non-Compliant PV Panels in relation to which the consents specified in paragraph 3.2(b)(i) have been obtained, with a New Compliant PV System in a manner which meets all Regulatory Requirements;
  - iv. no STCs will be created for the New Compliant PV System under 3.2(b)(iii); and
  - v. P & N will dispose of all Existing Non-Compliant PV Panels removed under 3.2(b)(iii);

*Serial Number Validation Program*

- c) have a Serial Number Validation Program in place that will:
  - i. within twelve months of the acceptance of this Undertaking, validate the Solar PV module serial numbers for the 78 solar PV installations identified in Annexure B with the relevant Solar PV module manufacturer;
  - ii. within 18 months of the acceptance of this Undertaking, validate the Solar PV module serial numbers for the 100 solar PV installations identified in Annexure C with the relevant Solar PV module manufacturer;

- iii. include the Regulator in all correspondence between P & N and the manufacturers whilst completing the Undertakings in subparagraphs 3.2(c)(i) and (ii);
- iv. where a manufacturer identifies Non-Compliant PV Panels as part of the solar PV installations:
  - I. for those solar PV installations identified in Annexure B, surrender all STCs created for installations containing any Non-Compliant PV Panels;
  - II. for those solar PV installations identified in Annexures B and C, write to the owners and the occupiers of those Sites, in a form approved by the Regulator, to obtain consent to replace the Existing Non-Compliant PV Panels with New Compliant PV Systems; and
  - III. where unable to obtain consent from the owners and the occupiers of the Sites relating to the 100 solar PV installations identified in Annexure C, surrender all STCs for those solar PV installations;
- v. replace, using a CEC-accredited installer (or installers) agreed with the Regulator, the Existing Non-Compliant PV Panels in relation to which the consents specified in subparagraph 3.2(c)(iv)(II) have been obtained, with a New Compliant PV System, in a manner which meets all Regulatory Requirements;
- vi. no STCs will be created for the New Compliant PV System under 3.2(c)(v); and
- vii. P & N will dispose of all Existing Non-Compliant PV Panels removed under 3.2(c)(v).

*Report in writing*

- d) report to the Regulator, in writing:
  - i. monthly against the undertakings in subclause 3.2. This report is to include copies of the following documentation for each replacement installation:
    - I. relevant state certificate of electrical compliance;
    - II. written consent from the owners and occupiers of the Sites to carry out the replacement of Existing Non-Compliant PV Panels;
    - III. photographs of the back of each solar PV panel removed and installed. These photographs must clearly show the compliance sticker and serial number; and
    - IV. evidence of the disposal of Existing Non-Compliant PV Panels;
  - ii. within three business days of an event occurring which is likely to have an effect on the fulfilling of any of the undertakings in subclause 3.2; and
  - iii. within one month of the assignment, if the performance of any of the undertakings set out in subclause 3.2 are likely to be impacted by relevant parts of the P & N business being assigned to another entity;

#### *Testing of Solar PV Panels*

- e) fund the Regulator's testing of four solar PV panels held by P & N. The solar PV panels for testing are to be chosen by the Regulator. The testing is to determine whether the panels have the necessary attributes for accreditation or continuing accreditation in accordance with AS/NZS 5033; and

#### *P & N's company status*

- f) P & N will not take steps to deregister as a company without the approval of the Regulator.

### **4. Acknowledgements**

#### **4.1. P & N acknowledges:**

- a) The Regulator will make this Undertaking (including its annexures) publicly available, including by publishing it on the Regulator's website;
- b) The Regulator and officers of the Regulator will, from time to time, make public reference to this Undertaking;
- c) The Regulator may provide results from the testing of solar PV Panels to the CEC;
- d) This Undertaking in no way derogates from the rights and remedies available to the Commonwealth and any other person arising from any conduct of P & N; and
- e) P & N undertakes to pay all costs associated with its compliance with this Undertaking.

### **5. Commencement of Undertaking**

#### **5.1. This Undertaking comes into effect when:**

- a) the Undertaking is executed by P & N; and
- b) the Regulator accepts the Undertaking so executed.

#### **5.2. This Undertaking ceases to have effect once the requirements of subclause 3.2 have been completed to the satisfaction of the Regulator.**

**Executed by**

**P & N NSW Pty Ltd, ACN 145 998 929 by its authorised officers pursuant to section 127(1) of the Corporations Act 2001**

*Patricia Williamson*  
.....

**Director**

This 21 day of JULY 2017

**Accepted by the Clean Energy Regulator pursuant to section 154Q of the *Renewable Energy (Electricity) Act 2000***

*Mark Williamson*  
.....

**Mark Williamson**

**Delegate of the Regulator**

This 21<sup>ST</sup> day of JULY 2017

## Annexure A

### Solar PV Installations containing Non-Compliant PV Panels

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model      |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|----------------|
| PVD2479080                      | 114                   | WA                 | 22 Jun 2016    | 25 Jun 2016       | Jinko Solar Co Ltd  | JKM250P-60     |
| PVD2479046                      | 118                   | SA                 | 15 Jun 2016    | 25 Jun 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2456486                      | 75                    | WA                 | 12 May 2016    | 17 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2456189                      | 103                   | WA                 | 06 Apr 2016    | 17 May 2016       | Jinko Solar Co Ltd  | JKM250P-60-A   |
| PVD2438722                      | 93                    | NSW                | 13 Apr 2016    | 16 Apr 2016       | Jinko Solar Co Ltd  | JKM250P-60     |
| PVD2429911                      | 118                   | NSW                | 23 Mar 2016    | 01 Apr 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2420760                      | 129                   | WA                 | 03 Mar 2016    | 15 Mar 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2410792                      | 129                   | WA                 | 23 Feb 2016    | 25 Feb 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2395091                      | 107                   | WA                 | 21 Jan 2016    | 28 Jan 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2352398                      | 72                    | WA                 | 30 Oct 2015    | 05 Nov 2015       | Jinko Solar Co Ltd  | JKM250P-60-A   |

## Annexure B

### Solar PV Installations requiring serial number validation within 12 months

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model                     |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|-------------------------------|
| PVD2665824                      | 117                   | WA                 | 26 Apr 2017    | 02 May 2017       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265                |
| PVD2661083                      | 102                   | WA                 | 21 Apr 2017    | 24 Apr 2017       | Hanwha Q.CELLS GmbH | Q.PLUS-G4.1 280               |
| PVD2638359                      | 108                   | WA                 | 15 Feb 2017    | 20 Mar 2017       | Hanwha Q.CELLS GmbH | Q.PEAK-G3 280 (60 Mono cells) |
| PVD2637608                      | 61                    | WA                 | 14 Feb 2017    | 17 Mar 2017       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265                |
| PVD2614007                      | 108                   | WA                 | 08 Feb 2017    | 10 Feb 2017       | Hanwha Q.CELLS GmbH | Q.PLUS-G4.1 280               |
| PVD2610194                      | 120                   | WA                 | 02 Feb 2017    | 06 Feb 2017       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2612990                      | 120                   | WA                 | 01 Feb 2017    | 09 Feb 2017       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2606116                      | 123                   | WA                 | 20 Jan 2017    | 30 Jan 2017       | Hanwha QCELLS GmbH  | QPRO G41 265                  |
| PVD2594464                      | 102                   | WA                 | 03 Jan 2017    | 11 Jan 2017       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265                |
| PVD2590842                      | 118                   | WA                 | 19 Dec 2016    | 31 Dec 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260                |
| PVD2577698                      | 109                   | WA                 | 09 Dec 2016    | 11 Dec 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265                |
| PVD2581253                      | 73                    | NSW                | 09 Dec 2016    | 14 Dec 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265                |
| PVD2574242                      | 129                   | WA                 | 05 Dec 2016    | 06 Dec 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260                |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model      |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|----------------|
| PVD2593395                      | 109                   | WA                 | 05 Dec 2016    | 09 Jan 2017       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265 |
| PVD2575521                      | 323                   | NSW                | 01 Dec 2016    | 07 Dec 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2559068                      | 129                   | SA                 | 10 Nov 2016    | 14 Nov 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2564262                      | 102                   | NSW                | 09 Nov 2016    | 22 Nov 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2565457                      | 102                   | NSW                | 08 Nov 2016    | 24 Nov 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2558281                      | 107                   | SA                 | 04 Nov 2016    | 11 Nov 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2560925                      | 109                   | WA                 | 02 Nov 2016    | 16 Nov 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2561773                      | 75                    | WA                 | 01 Nov 2016    | 17 Nov 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2562814                      | 126                   | WA                 | 26 Oct 2016    | 19 Nov 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265 |
| PVD2542346                      | 54                    | NSW                | 09 Oct 2016    | 16 Oct 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265 |
| PVD2543499                      | 129                   | WA                 | 06 Oct 2016    | 18 Oct 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2548279                      | 118                   | WA                 | 06 Oct 2016    | 25 Oct 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2530101                      | 97                    | NSW                | 18 Sep 2016    | 22 Sep 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2530714                      | 118                   | WA                 | 10 Sep 2016    | 23 Sep 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2490960                      | 129                   | NSW                | 08 Jul 2016    | 16 Jul 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model      |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|----------------|
| PVD2487298                      | 126                   | WA                 | 07 Jul 2016    | 08 Jul 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2489536                      | 120                   | WA                 | 01 Jul 2016    | 13 Jul 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2475485                      | 161                   | NSW                | 16 Jun 2016    | 20 Jun 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2470923                      | 102                   | NSW                | 31 May 2016    | 11 Jun 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |
| PVD2471215                      | 21                    | WA                 | 27 May 2016    | 13 Jun 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2460404                      | 107                   | NSW                | 23 May 2016    | 24 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2457114                      | 120                   | WA                 | 09 May 2016    | 18 May 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265 |
| PVD2461379                      | 110                   | WA                 | 02 May 2016    | 25 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2450016                      | 123                   | WA                 | 28 Apr 2016    | 06 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2442993                      | 237                   | NSW                | 22 Apr 2016    | 23 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2448704                      | 120                   | SA                 | 21 Apr 2016    | 04 May 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 265 |
| PVD2446313                      | 118                   | WA                 | 20 Apr 2016    | 30 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2446314                      | 226                   | WA                 | 20 Apr 2016    | 30 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2435386                      | 113                   | NSW                | 08 Apr 2016    | 11 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2432957                      | 86                    | WA                 | 05 Apr 2016    | 07 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model      |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|----------------|
| PVD2436413                      | 102                   | NSW                | 05 Apr 2016    | 12 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2460050                      | 102                   | NSW                | 04 Apr 2016    | 24 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2449280                      | 107                   | WA                 | 02 Apr 2016    | 05 May 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2430105                      | 86                    | WA                 | 31 Mar 2016    | 02 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2436254                      | 102                   | NSW                | 24 Mar 2016    | 12 Apr 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2426257                      | 129                   | WA                 | 16 Mar 2016    | 24 Mar 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2423203                      | 72                    | WA                 | 13 Mar 2016    | 18 Mar 2016       | Jinko Solar Co Ltd  | JKM250P-60-A   |
| PVD2422164                      | 129                   | WA                 | 11 Mar 2016    | 16 Mar 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2420808                      | 62                    | WA                 | 29 Feb 2016    | 15 Mar 2016       | Jinko Solar Co Ltd  | JKM250P-60-A   |
| PVD2416005                      | 129                   | WA                 | 25 Feb 2016    | 04 Mar 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2409285                      | 102                   | NSW                | 19 Feb 2016    | 23 Feb 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2406404                      | 75                    | SA                 | 16 Feb 2016    | 17 Feb 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2407144                      | 70                    | NSW                | 16 Feb 2016    | 18 Feb 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2407160                      | 70                    | NSW                | 16 Feb 2016    | 18 Feb 2016       | Jinko Solar Co Ltd  | JKM260P-60     |
| PVD2404530                      | 118                   | NSW                | 10 Feb 2016    | 15 Feb 2016       | Hanwha Q.CELLS GmbH | Q.PRO G4.1 260 |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand          | SGU Model    |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|--------------------|--------------|
| PVD2404594                      | 107                   | WA                 | 03 Feb 2016    | 15 Feb 2016       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2401618                      | 64                    | NSW                | 02 Feb 2016    | 09 Feb 2016       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2397528                      | 134                   | NSW                | 01 Feb 2016    | 02 Feb 2016       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2398445                      | 107                   | WA                 | 01 Feb 2016    | 03 Feb 2016       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2397635                      | 64                    | NSW                | 29 Jan 2016    | 02 Feb 2016       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2380672                      | 80                    | WA                 | 15 Dec 2015    | 22 Dec 2015       | Jinko Solar Co Ltd | JKM250P-60   |
| PVD2381205                      | 98                    | NSW                | 15 Dec 2015    | 22 Dec 2015       | Jinko Solar Co Ltd | JKM250P-60-A |
| PVD2374582                      | 114                   | WA                 | 11 Dec 2015    | 12 Dec 2015       | Jinko Solar Co Ltd | JKM250P-60-A |
| PVD2374219                      | 32                    | WA                 | 09 Dec 2015    | 11 Dec 2015       | Jinko Solar Co Ltd | JKM250P-60   |
| PVD2369664                      | 75                    | SA                 | 25 Nov 2015    | 04 Dec 2015       | Jinko Solar Co Ltd | JKM250P-60   |
| PVD2369744                      | 129                   | WA                 | 18 Nov 2015    | 05 Dec 2015       | Jinko Solar Co Ltd | JKM260P-60   |
| PVD2353099                      | 107                   | WA                 | 29 Oct 2015    | 06 Nov 2015       | Jinko Solar Co Ltd | JKM260P-60-A |
| PVD2349154                      | 103                   | WA                 | 27 Oct 2015    | 29 Oct 2015       | Jinko Solar Co Ltd | JKM250P-60-A |
| PVD2313872                      | 72                    | NSW                | 20 Aug 2015    | 28 Aug 2015       | Jinko Solar Co Ltd | JKM250P-60   |
| PVD2211816                      | 105                   | SA                 | 10 Mar 2015    | 14 Mar 2015       | Q-Cells SE         | Q.PRO G2 255 |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand          | SGU Model    |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|--------------------|--------------|
| PVD2062282                      | 63                    | NSW                | 02 Aug 2014    | 06 Aug 2014       | Q-Cells SE         | Q.PRO G2 255 |
| PVD2056205                      | 105                   | SA                 | 15 Apr 2014    | 28 Jul 2014       | Q-Cells SE         | Q.PRO G2 255 |
| PVD1983013                      | 103                   | SA                 | 10 Apr 2014    | 15 Apr 2014       | Q-Cells SE         | Q.PRO G2 255 |
| PVD1979677                      | 62                    | WA                 | 07 Apr 2014    | 10 Apr 2014       | Q-Cells SE         | Q.PRO G2 225 |
| PVD1978921                      | 103                   | SA                 | 31 Mar 2014    | 10 Apr 2014       | Jinko Solar Co Ltd | JKM250P-60   |

## Annexure C

### Solar PV Installations requiring serial number validation within 18 months

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                           | SGU Model            |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|-------------------------------------|----------------------|
| PVD2672004                      | 104                   | NSW                | 05 May 2017    | 11 May 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-285DD05A.08(II)  |
| PVD2672140                      | 60                    | NSW                | 04 May 2017    | 11 May 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2670505                      | 94                    | NSW                | 03 May 2017    | 09 May 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-270PPD05         |
| PVD2666786                      | 96                    | WA                 | 29 Apr 2017    | 03 May 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-290DD05A.082(II) |
| PVD2664115                      | 100                   | WA                 | 28 Apr 2017    | 29 Apr 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2666454                      | 120                   | WA                 | 28 Apr 2017    | 03 May 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2667942                      | 231                   | NSW                | 26 Apr 2017    | 04 May 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2665652                      | 201                   | NSW                | 24 Apr 2017    | 02 May 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2662348                      | 94                    | NSW                | 21 Apr 2017    | 27 Apr 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-270PPD05         |
| PVD2662496                      | 100                   | WA                 | 21 Apr 2017    | 27 Apr 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB          |
| PVD2663031                      | 60                    | WA                 | 20 Apr 2017    | 27 Apr 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-260PPD05         |
| PVD2656773                      | 78                    | NSW                | 12 Apr 2017    | 18 Apr 2017       | Jinko Solar Co Ltd                  | JKM270PP-60          |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                           | SGU Model        |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|-------------------------------------|------------------|
| PVD2657258                      | 104                   | NSW                | 11 Apr 2017    | 19 Apr 2017       | Canadian Solar Inc                  | CS6K-270P        |
| PVD2654158                      | 115                   | SA                 | 10 Apr 2017    | 12 Apr 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB      |
| PVD2646019                      | 94                    | NSW                | 25 Mar 2017    | 30 Mar 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-270PD05      |
| PVD2638286                      | 85                    | WA                 | 17 Mar 2017    | 20 Mar 2017       | SERAPHIM SOLAR SYSTEM CO LTD        | SRP-260-6PB      |
| PVD2642113                      | 99                    | WA                 | 15 Mar 2017    | 25 Mar 2017       | LG Electronics Inc                  | LG320NIC-G4      |
| PVD2635516                      | 61                    | NSW                | 07 Mar 2017    | 15 Mar 2017       | LG Electronics Inc                  | LG320NIC-G4      |
| PVD2636383                      | 62                    | NSW                | 02 Mar 2017    | 16 Mar 2017       | Jinko Solar Co Ltd                  | JKM270PP-60      |
| PVD2668421                      | 77                    | WA                 | 01 Mar 2017    | 05 May 2017       | Hanwha Q CELLS (Qidong) Co Ltd      | HSL60P6-PC-1-260 |
| PVD2632857                      | 104                   | WA                 | 19 Feb 2017    | 10 Mar 2017       | Jinko Solar Co Ltd                  | JKM270PP-60      |
| PVD2618916                      | 140                   | NSW                | 16 Feb 2017    | 18 Feb 2017       | Jinko Solar Co Ltd                  | JKM260P-60       |
| PVD2628158                      | 62                    | NSW                | 15 Feb 2017    | 03 Mar 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-270PD05      |
| PVD2617841                      | 114                   | WA                 | 11 Feb 2017    | 16 Feb 2017       | Jinko Solar Co Ltd                  | JKM270PP-60      |
| PVD2603040                      | 103                   | WA                 | 20 Jan 2017    | 24 Jan 2017       | Changzhou Trina Solar Energy Co Ltd | TSM-260PD05      |
| PVD2600872                      | 92                    | NSW                | 19 Jan 2017    | 21 Jan 2017       | Hanwha Q.CELLS GmbH                 | Q.PLUS-G4.1.280  |
| PVD2601000                      | 114                   | SA                 | 18 Jan 2017    | 22 Jan 2017       | Jinko Solar Co Ltd                  | JKM270PP-60      |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                            | SGU Model                    |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|--------------------------------------|------------------------------|
| PVD2590910                      | 43                    | NSW                | 20 Dec 2016    | 02 Jan 2017       | Hanwha Q CELLS (Qidong) Co Ltd       | HSL60P6-PC-1-260             |
| PVD2590377                      | 134                   | WA                 | 11 Dec 2016    | 28 Dec 2016       | Changzhou Trina Solar Energy Co Ltd  | TSM-250PD05                  |
| PVD2582250                      | 109                   | WA                 | 09 Dec 2016    | 15 Dec 2016       | Hanwha Q.CELLS GmbH                  | Q.PRO G4.1 265               |
| PVD2583465                      | 211                   | NSW                | 09 Dec 2016    | 18 Dec 2016       | LG Electronics Inc                   | LG300N1K-G4                  |
| PVD2575469                      | 86                    | NSW                | 01 Dec 2016    | 07 Dec 2016       | Jinko Solar Co. Ltd.                 | JKMS260PP-60                 |
| PVD2575538                      | 109                   | NSW                | 01 Dec 2016    | 07 Dec 2016       | Jinko Solar Co. Ltd.                 | JKMS265PP-60                 |
| PVD2570093                      | 124                   | SA                 | 19 Nov 2016    | 30 Nov 2016       | Changzhou Trina Solar Energy Co Ltd  | TSM-250PD05                  |
| PVD2568201                      | 107                   | SA                 | 16 Nov 2016    | 28 Nov 2016       | Hanwha Q.CELLS GmbH                  | Q.PRO G4.1 260               |
| PVD2576685                      | 107                   | SA                 | 14 Nov 2016    | 08 Dec 2016       | Jinko Solar Co. Ltd.                 | JKMS260PP-60                 |
| PVD2553492                      | 102                   | NSW                | 27 Oct 2016    | 03 Nov 2016       | Changzhou Trina Solar Energy Co. Ltd | TSM-260PD05                  |
| PVD2554484                      | 62                    | NSW                | 12 Oct 2016    | 06 Nov 2016       | Changzhou Trina Solar Energy Co. Ltd | TSM-250PD05                  |
| PVD2532643                      | 210                   | WA                 | 20 Sep 2016    | 27 Sep 2016       | Hanwha Q CELLS (Qidong) Co Ltd       | HSL60P6-PC-1-275             |
| PVD2534109                      | 118                   | WA                 | 16 Sep 2016    | 29 Sep 2016       | Hanwha Q.CELLS GmbH                  | Q.PRO G4.1 260               |
| PVD2527741                      | 124                   | SA                 | 15 Sep 2016    | 19 Sep 2016       | Changzhou Trina Solar Energy Co. Ltd | TSM-250PD05                  |
| PVD2504216                      | 82                    | WA                 | 05 Aug 2016    | 09 Aug 2016       | Changzhou Trina Solar Energy Co Ltd  | TSM-250PC05A (60 poly cells) |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                           | SGU Model                    |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|-------------------------------------|------------------------------|
| PVD2502902                      | 51                    | WA                 | 28 Jul 2016    | 05 Aug 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2493673                      | 131                   | WA                 | 06 Jul 2016    | 21 Jul 2016       | Jinko Solar Co Ltd                  | JKM265P-60                   |
| PVD2482970                      | 64                    | NSW                | 29 Jun 2016    | 01 Jul 2016       | LG Electronics Inc                  | LG285S1C-L4                  |
| PVD2488392                      | 207                   | WA                 | 29 Jun 2016    | 12 Jul 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2479627                      | 118                   | WA                 | 21 Jun 2016    | 27 Jun 2016       | Hanwha Q.CELLS GmbH                 | Q.PRO G4.1 260               |
| PVD2481773                      | 109                   | NSW                | 21 Jun 2016    | 30 Jun 2016       | Jinko Solar Co Ltd                  | JKM265PP-60                  |
| PVD2471009                      | 258                   | NSW                | 29 May 2016    | 12 Jun 2016       | Hanwha Q CELLS (Qidong) Co Ltd      | HSL60P6-PC-1-260             |
| PVD2465009                      | 145                   | NSW                | 13 May 2016    | 01 Jun 2016       | Hanwha Q.CELLS GmbH                 | Q.PRO G4.1 260               |
| PVD2450452                      | 138                   | WA                 | 01 May 2016    | 06 May 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2452118                      | 103                   | WA                 | 30 Apr 2016    | 10 May 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2445008                      | 103                   | WA                 | 21 Apr 2016    | 28 Apr 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2446680                      | 124                   | WA                 | 19 Apr 2016    | 02 May 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2442664                      | 43                    | WA                 | 16 Apr 2016    | 22 Apr 2016       | Jinko Solar Co Ltd                  | JKM260P-60                   |
| PVD2470918                      | 310                   | NSW                | 12 Apr 2016    | 11 Jun 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells) |
| PVD2467470                      | 125                   | SA                 | 05 Apr 2016    | 06 Jun 2016       | Hanwha Q.CELLS GmbH                 | Q.PLUS G4.1 270              |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                           | SGU Model                        |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|-------------------------------------|----------------------------------|
| PVD2432214                      | 124                   | WA                 | 01 Apr 2016    | 06 Apr 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2429961                      | 114                   | WA                 | 24 Mar 2016    | 01 Apr 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2428225                      | 114                   | WA                 | 21 Mar 2016    | 30 Mar 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2424508                      | 97                    | WA                 | 17 Mar 2016    | 22 Mar 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2429203                      | 123                   | WA                 | 11 Mar 2016    | 31 Mar 2016       | Hanwha SolarOne (Qidong) Ltd        | HSL60P6-PC-1-260                 |
| PVD2419997                      | 35                    | NSW                | 09 Mar 2016    | 12 Mar 2016       | LG Electronics Inc                  | LG285S1C-L4                      |
| PVD2416028                      | 118                   | WA                 | 03 Mar 2016    | 05 Mar 2016       | Hanwha SolarOne (Qidong) Ltd        | HSL60P6-PC-1-260                 |
| PVD2415631                      | 72                    | WA                 | 02 Mar 2016    | 04 Mar 2016       | Jinko Solar Co Ltd                  | JKM250P-60-A                     |
| PVD2415558                      | 102                   | VIC                | 01 Mar 2016    | 04 Mar 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-260PC05A.002 (60 poly cells) |
| PVD2416508                      | 103                   | WA                 | 19 Feb 2016    | 07 Mar 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2408480                      | 98                    | NSW                | 18 Feb 2016    | 22 Feb 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2406322                      | 98                    | NSW                | 15 Feb 2016    | 17 Feb 2016       | Changzhou Trina Solar Energy Co Ltd | TSM-250PC05A (60 poly cells)     |
| PVD2408995                      | 129                   | NSW                | 12 Feb 2016    | 23 Feb 2016       | LG Electronics Inc                  | LG285S1C-L4                      |
| PVD2393182                      | 215                   | WA                 | 18 Jan 2016    | 23 Jan 2016       | Jinko Solar Co Ltd                  | JKM260P-60                       |
| PVD2393696                      | 102                   | NSW                | 16 Jan 2016    | 25 Jan 2016       | Jinko Solar Co Ltd                  | JKM260P-60                       |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand                       | SGU Model         |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------------------|-------------------|
| PVD2395104                      | 102                   | NSW                | 13 Jan 2016    | 28 Jan 2016       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2387515                      | 118                   | WA                 | 12 Jan 2016    | 13 Jan 2016       | Hanwha SolarOne (Qidong) Ltd    | HSL60P6-PC-1-260  |
| PVD2389085                      | 102                   | NSW                | 12 Jan 2016    | 15 Jan 2016       | Hanwha SolarOne (Qidong) Ltd    | HSL60P6-PC-1-260  |
| PVD2389086                      | 102                   | NSW                | 12 Jan 2016    | 15 Jan 2016       | Hanwha SolarOne (Qidong) Ltd    | HSL60P6-PC-1-260  |
| PVD2388662                      | 119                   | NSW                | 09 Jan 2016    | 15 Jan 2016       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2387684                      | 107                   | WA                 | 08 Jan 2016    | 14 Jan 2016       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2386002                      | 140                   | SA                 | 06 Jan 2016    | 09 Jan 2016       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2378265                      | 64                    | NSW                | 15 Dec 2015    | 17 Dec 2015       | Hanwha SolarOne (Qidong) Co Ltd | HSL60P6-PB-1-260B |
| PVD2378923                      | 107                   | SA                 | 14 Dec 2015    | 18 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2374583                      | 64                    | WA                 | 11 Dec 2015    | 12 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2379011                      | 64                    | SA                 | 08 Dec 2015    | 18 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2369837                      | 75                    | NSW                | 01 Dec 2015    | 05 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2367911                      | 107                   | WA                 | 27 Nov 2015    | 02 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2367109                      | 64                    | NSW                | 26 Nov 2015    | 01 Dec 2015       | Jinko Solar Co Ltd              | JKM260P-60        |
| PVD2365507                      | 41                    | WA                 | 25 Nov 2015    | 28 Nov 2015       | Jinko Solar Co Ltd              | JKM250P-60-A      |

| Installation Accreditation Code | RECs Created Quantity | Installation State | Installed Date | REC Creation Date | SGU Brand           | SGU Model                     |
|---------------------------------|-----------------------|--------------------|----------------|-------------------|---------------------|-------------------------------|
| PVD2366268                      | 102                   | NSW                | 17 Nov 2015    | 30 Nov 2015       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2358041                      | 75                    | WA                 | 13 Nov 2015    | 16 Nov 2015       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2357301                      | 70                    | NSW                | 09 Nov 2015    | 13 Nov 2015       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2357353                      | 104                   | SA                 | 06 Nov 2015    | 14 Nov 2015       | Hanwha Q.CELLS GmbH | Q.PEAK-G3 280 (60 Mono cells) |
| PVD2340613                      | 116                   | WA                 | 13 Oct 2015    | 15 Oct 2015       | Hanwha Q.CELLS GmbH | Q.PRO-G3 255 (60 Poly cells)  |
| PVD2358631                      | 85                    | NSW                | 13 Oct 2015    | 17 Nov 2015       | LG Electronics Inc  | LG275N1C-G3 (60 Mono cells)   |
| PVD2341086                      | 215                   | NSW                | 12 Oct 2015    | 16 Oct 2015       | Jinko Solar Co Ltd  | JKM260P-60                    |
| PVD2334897                      | 70                    | NSW                | 29 Sep 2015    | 06 Oct 2015       | Hanwha Q.CELLS GmbH | Q.PRO-G3 255 (60 Poly cells)  |
| PVD2337313                      | 84                    | NSW                | 29 Sep 2015    | 10 Oct 2015       | Hanwha Q.CELLS GmbH | Q.PEAK-G3 255 (60 Mono cells) |
| PVD2304815                      | 105                   | NSW                | 30 Jul 2015    | 14 Aug 2015       | Hanwha Q.CELLS GmbH | Q.PRO-G3 255 (60 Poly cells)  |
| PVD2228623                      | 68                    | WA                 | 08 Apr 2015    | 11 Apr 2015       | LG Electronics Inc  | LG275N1C-G3 (60 Mono cells)   |
| PVD2175265                      | 105                   | WA                 | 14 Jan 2015    | 15 Jan 2015       | LG Electronics Inc  | LG300N1C-G3 (60 Mono cells)   |
| PVD2275307                      | 197                   | NSW                | 16 Dec 2014    | 29 Jun 2015       | Hanwha Q.CELLS GmbH | Q.PEAK-G3 280 (60 Mono cells) |