VCS JOINT VALIDATION AND VERIFICATION REPORT OF "ENERGISING INDIAN HOMES BY SOLAR ROOFTOP PROJECTS"

Document Prepared by LGAI Technological Center S.A. (Applus+ Certification)

Project Title	Energising Indian homes by Solar rooftop projects
Report Title	Validation and Verification Report of "Energising Indian homes by Solar rooftop projects"
Version	02
Report ID	GCEES_3419
Verification Period	28/12/2017 to 30/11/2019 (including first and last dates)
Client	EKI Energy Services Ltd.
Pages	184
Date of Issue	26/12/2019

Prepared By	LGAI Technological Center, S.A. (Applus+ Certification)
Contact	Campus UAB – Ronda de la Font del Carme, s/n 08193 Bellaterra – Barcelona (Spain) Tel.:+34 93 567 20 08 Fax.:+34 93 567 20 01 www.appluscertification.com agustin.calle@applus.com carla.debat@applus.com
Approved By	Juan Sendin Caballero, LGAI Technological Center S.A. (Applus+ Certification) B.U. Managing Director
Work Carried Out By	Lead Auditor & Technical Expert: Vivek Kumar Ahirwar, Technical Reviewer & Technical Expert: Simon Shen

Summary:

Validation purpose: The grouped project activity is a step towards supporting the implementation and installation of solar rooftop projects across India states. The implementation of project activity ensures energy security, diversification of the grid generation mix and sustainable growth of the electricity generation sector in India.

The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of Verified Carbon Units (VCUs) to achieve this goal forms the basis of the implementation of this project activity. The project activity is a voluntary action and each SPV will be the Project Proponent for their project activity. Azure Power India Pvt. Ltd. as a parent company formed different SPV (Special Purpose Vehicles) for solar rooftop projects and projects are developed by name of SPVs. Azure Power India Pvt Ltd. is the authorized PP on the behalf of all SPVs included in the proposed grouped project activity. There are no mandatory laws or regulations existing in India requiring PP or any other party to develop a programme for renewable generation plants.

The project activity will support the development of new grid-connected/non grid connected rooftop Solar PV projects in India. All project activity instances within this grouped project activity will consist of solar PV technology. Also an individual project activity instance will be small-scale project activity instance grid connected or not grid connected having methodology AMS I.F. version 3.0/04/.

The electricity generated by renewable technology (solar) installed as part of the grouped project activity will be supplied either to the Indian grid and/or will be supplied to the identified facility via regional grid through a contractual wheeling agreement for captive consumption use there by displacing the consumption of equivalent amount of electricity from the Indian grid. Thus for this Project activity instances Indian Grid is applicable.

The total AC capacity of the project activity is 84.65 MW and the power produced displaces an equivalent amount of power from the grid, which is fed mainly by fossil fuel fired power plants. Hence, it results in reduction of GHG emissions. The average annual GHG emission reductions from the project activity will be 140,874 tonnes of CO2e and total GHG emission reductions for the chosen 10 year crediting period will be 1,408,740 tonnes of CO2e.

The objective of this validation activity is to have an independent third party for the assessment of the project design, estimated ER sheet and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline is assessed against “AMS I.F. version 3.0”/04/
- the project’s monitoring plan is assessed against “AMS I.F. version 3.0”/04/
- the projects compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS standard version 4/14/
- CDM Validation and Verification Standard for project activities version 02/09/
- CDM Project Standard for project activities version 02 /15/
- CDM project cycle procedure for project activities version 02 /16/
- VCS standard v 4.0 /14/

- VCS program guide v 4.0 /14/

Validation is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of estimated verified emission reductions (VERs).

Verification purpose:

The proposed project activity will assist development of renewable energy generation plants based on Solar energy technology in India and delivering electricity to the grid and self consumption.

The proposed project is a voluntary action being undertaken by the project owner of the project activity. EKI Energy Services Limited (hereafter referred as "EKIESL") is acting as the other party for this project activity.

The grouped project activity is a step towards supporting the implementation and installation of solar rooftop projects across India states. The implementation of project activity ensures energy security, diversification of the grid generation mix and sustainable growth of the electricity generation sector in India.

The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of Verified Carbon Units (VCUs) to achieve this goal forms the basis of the implementation of this project activity. The project activity is a voluntary action and each SPV will be the Project Proponent for their project activity. Azure Power India Pvt Ltd as a parent company formed different SPV (Special Purpose Vehicles) for solar rooftop projects and projects are developed by name of SPVs. There are no mandatory laws or regulations existing in India requiring PP or any other party to develop a programme for renewable generation plants.

The project activity will support the development of new grid-connected/non grid connected rooftop Solar PV projects in India. All project activity instances within this grouped project activity will consist of solar PV technology. Also an individual project activity instance will be small-scale project activity instance grid connected having methodology AMS I.F. version 3.0/04/.

The electricity generated by renewable technology (solar) installed as part of the grouped project activity will be supplied either to the Indian grid and/or will be supplied to the identified facility via regional grid through a contractual wheeling agreement for captive consumption use there by displacing the consumption of equivalent amount of electricity from the Indian grid. Thus for this Project activity instances Indian Grid is applicable.

The objective of the grouped project activity is to develop a platform for reducing VCS Registration timelines and process costs for registration of individual projects under VCS. All the project instances i.e. renewable energy generation solar PV plants to be included in this grouped project will be from within India only. Hence the location and geographical boundary of the grouped project can be defined as India.

During the Current Monitoring Period from 28/12/2017 to 30/11/2019 (including first and last dates) the project activity contributed to the GHG reductions 68,935 tCO2e.

During the current monitoring period, project activity undergoes continued operation since their commissioning and no major breakdown had taken place.

The objective of this verification activity is to have an independent third party for the assessment of the project design, Actual ER sheet and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline is assessed against “AMS I.F. version 3.0”/04/
- the project’s monitoring plan is assessed against “AMS I.F. version 3.0”/04/
- the projects compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS standard version 4.0/14/
- CDM Validation and Verification Standard for project activities version 02/09/
- CDM Project Standard for project activities version 02 /15/
- CDM project cycle procedure for project activities version 02 /16/
- VCS standard v 4.0 /14/
- VCS program guide v 4.0 /14/

A risk-based approach has been followed to perform this validation and verification activity. In the course of validation and verification, 07Corrective Action requests (CARs) and 01 Clarification Requests (CRs), 00 Forward action request (FARs) were raised and successfully closed. The review of the Monitoring report and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and project owners have provided LGAI Technological Center S.A. (Applus+ Certification) with sufficient evidence to verify the fulfillment of the stated criteria of VCS.

CONTENTS

1 INTRODUCTION

1.1 Objective

LGAI Technological Center S.A. (Hereinafter referred as Applus+ Certification) has been appointed by "**EKI Energy Services Ltd.**" to perform the validation and verification of the project entitled "Energising Indian homes by Solar rooftop projects" under VCS standard version 4.0. The objective of this Joint validation& verification activity is to have an independent third party for the assessment of the project design, ER sheet and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline is assessed against "AMS I.F. version 3.0"/04/
- the project's monitoring plan is assessed against "AMS I.F. version 3.0"/04/
- the projects compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS standard version 4.0/14/
- CDM Validation and Verification Standard for project activities version 02/09/
- CDM Project Standard for project activities version 02 /15/
- CDM project cycle procedure for project activities version 02 /16/
- VCS standard v 4.0 /14/
- VCS program guide v 4.0 /14/

Validation& verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of estimated verified emission reductions (VERs).

1.2 Scope and Criteria

The scope of the Joint validation and verification is the independent and objective review of the Joint Project Description & Monitoring Report. The Joint VCS PD & MR are reviewed against the relevant criteria (see 1.1) and decisions by the CDM Executive Board and VCS executive board, including the approved baseline and monitoring methodology. The validation and verification were based on the guidance given in the CDM Project Standardfor project activities version 02/15/, CDM Project Cycle Procedure for project activities version 02/16/, VCS standard version 4.0/14/

The assessment team has employed a risk-based approach to assess the completeness and accuracy of the claims and conservativeness of the assumptions in the Joint VCS PD & MR. The main focus of the assessment team is to identify the significant risks for the project

implementation and the generation of VERs. The validation and verification is not meant to provide any consulting towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the project design and monitoring report combined.

The only purpose of the validation and verification is its usage during the registration /issuance process as part of the VCS project cycle. Therefore, LGAI Technological Center S.A. (Applus+ Certification) can't be held liable by any party for decisions made or not made based on the validation/verification opinion, which will go beyond that purpose.

1.3 Level of Assurance

The verification and validation have been planned and organized to achieve a Reasonable Level of assurance as per the requirement of VCS.

1.4 Summary Description of the Project

The grouped project activity is a step towards supporting the implementation and installation of solar rooftop projects across India states. The implementation of project activity ensures energy security, diversification of the grid generation mix and sustainable growth of the electricity generation sector in India.

The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of Verified Carbon Units (VCUs) to achieve this goal forms the basis of the implementation of this project activity.

The project activity is a voluntary action and each SPV will be the Project Proponent for their project activity. Azure Power India Pvt ltd as a parent company formed different SPV (Special Purpose Vehicles) for solar rooftop projects and projects are developed by name of SPVs. There are no mandatory laws or regulations existing in India requiring PP or any other party to develop a programme for renewable generation plants.

The project activity will support the development of new grid-connected/non grid connected rooftop Solar PV projects in India. All project activity instances within this grouped project activity will consist of solar PV technology. Also an individual project activity instance will be small-scale project activity instance grid connected having methodology AMS I.F. version 3.0/04/.

The electricity generated by renewable technology (solar) installed as part of the grouped project activity will be supplied either to the Indian grid and/or will be supplied to the identified facility via regional grid through a contractual wheeling agreement for captive consumption use there by displacing the consumption of equivalent amount of electricity from the Indian grid. Thus for this Project activity instances Indian Grid is applicable.

The objective of the grouped project activity is to develop a platform for reducing VCS Registration timelines and process costs for registration of individual projects under VCS.All the project instances i.e. renewable energy generation solar PV plants to be included in this grouped project will be from within India only. Hence the location and geographical boundary of the grouped project can be defined as India.

The commissioning dates of the project activity bundle have been mentioned below.

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
1	REMCL1_Railway_Agra_Cantt	Azure Power Forty Four Private Limited	0.7228	Uttar Pradesh	28-12-2017
2	DJB_Haiderpur	Azure Power Thirty Eight Private Limited	2.5744	Delhi	28-12-2017
3	REMCL1_Bhavnagar DRM office	Azure Power Forty Four Private Limited	0.07488	Gujarat	04-01-2018
4	REMCL1_DRM Office_Jhansi	Azure Power Forty Four Private Limited	0.21514	Uttar Pradesh	04-01-2018
5	REMCL1_Ajmer_Railway_Stn	Azure Power Forty Four Private Limited	0.49896	Rajasthan	04-01-2018
6	REMCL1_Ajmer Railway Hospital	Azure Power Forty Four Private Limited	0.01512	Rajasthan	06-01-2018
7	Oberoi_Vanyavilas	Azure Sunlight private limited	0.03	Rajasthan	06-01-2018
8	Oberoi Nariman Point	Azure Sunlight private limited	0.0304	Rajasthan	06-01-2018
9	Oberoi_Rajvilas	Azure Sunlight private limited	0.04608	Rajasthan	06-01-2018
10	Oberoi_ Maidens	Azure Sunlight private limited	0.071	Rajasthan	06-01-2018
11	Oberoi Flight Service	Azure Sunlight private limited	0.08977	West Bengal	06-01-2018
12	REMCL1_ Idgah Running room	Azure Power Forty Four Private Limited	0.00472	UTTAR PRADESH	12-01-2018
13	REMCL1_DRM Office Agra	Azure Power Forty Four Private Limited	0.01008	Uttar Pradesh	12-01-2018
14	REMCL1_Idgah Railway Stn.	Azure Power Forty Four Private Limited	0.01984	Uttar Pradesh	12-01-2018
15	GEDCOL_State_Museum	Azure Power Mercury private limited	0.02945	ODISHA	12-01-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
16	REMCL1_Mirzapur Stn.	Azure Power Forty Four Private Limited	0.03465	Uttar Pradesh	18-01-2018
17	REMCL1_DRM Canteen Jhansi	Azure Power Forty Four Private Limited	0.00504	UTTAR PRADESH	24-01-2018
18	REMCL1_Railway Hospital_Jhansi	Azure Power Forty Four Private Limited	0.05544	Uttar Pradesh	24-01-2018
19	REMCL1_Old Driver Running Room, Kanpur	Azure Power Forty Four Private Limited	0.014175	Uttar Pradesh	25-01-2018
20	REMCL1_New Driver Running Room Kanpur	Azure Power Forty Four Private Limited	0.015	Uttar Pradesh	25-01-2018
21	REMCL1_Rail Spring karkhana	Azure Power Forty Four Private Limited	0.52825	Madhya Pradesh	31-01-2018
22	REMCL1_Mathura 2nd Entry gate	Azure Power Forty Four Private Limited	0.09464	Uttar Pradesh	19-02-2018
23	REMCL1_Mathura Railway Stn.& Junction Entry	Azure Power Forty Four Private Limited	0.29	Uttar Pradesh	19-02-2018
24	decathlon_Jaipur	Azure Power Rooftop Three Private Limited	0.14	Rajasthan	26-02-2018
25	DJB _Bhagirathi	Azure Power Thirty Eight Private Limited	1.691	New Delhi	28-02-2018
26	REMCL1_AC Locoshed Jhansi	Azure Power Forty Four Private Limited	0.05549	Uttar Pradesh	09-03-2018
27	REMCL1_Chattarpur Station	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	14-03-2018
28	REMCL1_Beawar Railway Stn.	Azure Power Forty Four Private Limited	0.0148	Beawar	14-03-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
29	REMCL1_Power House_Khajuraho	Azure Power Forty Four Private Limited	0.0189	Madhya Pradesh	14-03-2018
30	GEDCOL_BJB College	Azure Power Mercury private limited	0.02394	Odisha	17-03-2018
31	GEDCOL_Drugs Control Deptt	Azure Power Mercury private limited	0.05386	ODISHA	17-03-2018
32	GEDCOL_CET	Azure Power Mercury private limited	0.18711	Odisha	17-03-2018
33	GEDCOL_Offc of Chief Engg RW	Azure Power Mercury private limited	0.04	Odisha	19-03-2018
34	GEDCOL_Surgery Ward	Azure Power Mercury private limited	0.040005	Odisha	19-03-2018
35	GEDCOL_Eye Care Deptt	Azure Power Mercury private limited	0.04599	Odisha	19-03-2018
36	REMCL1_Kanpur Junction (Kanpur Central Platform Shed)	Azure Power Forty Four Private Limited	0.215	U.P.	19-03-2018
37	Gedcol_Collector Office	Azure Power Mercury private limited	0.02835	Odisha	20-03-2018
38	REMCL1_Kanpur Main Building (Kanpur Central)	Azure Power Forty Four Private Limited	0.09	Uttar Pradesh	20-03-2018
39	Gedcol_Shishu Bhawan	Azure Power Mercury private limited	0.10112	Odisha	20-03-2018
40	REMCL1_DRM office_Bikaner	Azure Power Forty Four Private Limited	0.03969	Rajasthan	28-03-2018
41	REMCL1_Sabarmati Railway Hospital	Azure Power Forty Four Private Limited	0.106785	Gujarat	30-03-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
42	REMCL1_Sabarmati Railway Station	Azure Power Forty Four Private Limited	0.20032	Gujarat	30-03-2018
43	SECI CPWD	Azure Power Rooftop One Private Limited	0.075	New Delhi	31-03-2018
44	REMCL1_Jodhpur Junction	Azure Power Forty Four Private Limited	0.57614	Rajasthan	31-03-2018
45	REMCL1_Railway Hospital_Bikaner	Azure Power Forty Four Private Limited	0.02488	Rajasthan	02-04-2018
46	REMCL1_PRS Building_Bikaner	Azure Power Forty Four Private Limited	0.03465	Rajasthan	02-04-2018
47	REMCL1_Washing Line_Bikaner	Azure Power Forty Four Private Limited	0.0148	Rajasthan	05-04-2018
48	REMCL1_Fatehpur Railway station	Azure Power Forty Four Private Limited	0.00504	UTTAR PRADESH	12-04-2018
49	REMCL1_Bindki Road Station	Azure Power Forty Four Private Limited	0.009	Uttar Pradesh	14-04-2018
50	REMCL1_Rasulabad Station	Azure Power Forty Four Private Limited	0.015	UTTAR PRADESH	14-04-2018
51	REMCL1_NCC Building	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	27-04-2018
52	REMCL1_Officer rest house, CETA School & CETA Hostel	Azure Power Forty Four Private Limited	0.029175	Uttar Pradesh	27-04-2018
53	REMCL1_Virar Carshed	Azure Power Forty Four Private Limited	0.2	Maharashtra	27-04-2018
54	DMRC Vinod Nagar Depot	Azure power Saturn Private Limited	1.05624	New Delhi	28-04-2018
55	DJB_Dwarka	Azure Power Thirty Eight Private Limited	1.1928	New Delhi	28-04-2018
56	REMCL1_ Mhow Railway Station	Azure Power Forty Four Private Limited	0.37	Madhya	30-04-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
				Pradesh	
57	REMCL1_Lakshmi Bai Nagar New Station Building	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	09-05-2018
58	REMCL1_Lakshmi Bai Nagar Old Station Building	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	09-05-2018
59	REMCL1_Ajnod Railway Station	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	10-05-2018
60	REMCL1_Mangliya Gaon Railway Station	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	10-05-2018
61	REMCL1_Ranayal Jasmiya Railway Station	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	10-05-2018
62	REMCL1_ Dewas Junction	Azure Power Forty Four Private Limited	0.01984	Madhya Pradesh	10-05-2018
63	REMCL1_Pachama Relay & Battery Room	Azure Power Forty Four Private Limited	0.0047	Madhya Pradesh	12-05-2018
64	REMCL1_Kalapipal Railway Station	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	12-05-2018
65	REMCL1_Sehore Relay Room	Azure Power Forty Four Private Limited	0.019215	Madhya Pradesh	12-05-2018
66	REMCL1_Admin Block Locoshed, Kanpur	Azure Power Forty Four Private Limited	0.014805	Uttar Pradesh	18-05-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
67	REMCL1_ETC Building (ganga , yamuna, sindhi, godavari, chambal), kanpur	Azure Power Forty Four Private Limited	0.02928	Uttar Pradesh	18-05-2018
68	REMCL1_Manikpur Rly Stn.	Azure Power Forty Four Private Limited	0.16736	Uttar Pradesh	18-05-2018
69	REMCL1_Tundla Junction	Azure Power Forty Four Private Limited	0.35028	Uttar Pradesh	21-05-2018
70	REMCL1_Shankargarh Junction, Allahabad	Azure Power Forty Four Private Limited	0.0198	Uttar Pradesh	22-05-2018
71	REMCL1_Agra Fort Station	Azure Power Forty Four Private Limited	0.1696	Uttar Pradesh	23-05-2018
72	REMCL1_Aligarh Junction	Azure Power Forty Four Private Limited	0.18198	Uttar Pradesh	24-05-2018
73	REMCL1_Allahabad Junction	Azure Power Forty Four Private Limited	0.675	Uttar Pradesh	30-05-2018
74	REMCL1_Abu Road Railway Station,	Azure Power Forty Four Private Limited	0.3	Rajasthan	04-06-2018
75	DJB_Bawana	Azure Power Thirty Eight Private Limited	0.8048	New Delhi	05-06-2018
76	GEDCOL_Krupasindhu Hostel No. 5	Azure Power Mercury private limited	0.02268	Orissa	06-06-2018
77	GEDCOL_Women's Polytech College	Azure Power Mercury private limited	0.04788	Orissa	06-06-2018
78	REMCL1_Bhavnagar Terminus Waiting room Halll	Azure Power Forty Four Private Limited	0.025	Gujarat	07-06-2018
79	REMCL1_Bhavnagar Railway Hospital	Azure Power Forty Four Private Limited	0.0352	Gujarat	07-06-2018
80	REMCL1_Durgapura Railway Station	Azure Power Forty Four Private Limited	0.07056	Rajasthan	07-06-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
81	GEDCOL_OPTCL	Azure Power Mercury private limited	0.15246	Orissa	07-06-2018
82	GEDCOL_OMC Building	Azure Power Mercury private limited	0.015	Orissa	07-06-2018
83	GEDCOL_Department of Automobile, Mechanical department of BOSE	Azure Power Mercury private limited	0.00882	Odisha	08-06-2018
84	GEDCOL_Engineering school of BOSE	Azure Power Mercury private limited	0.01601	Odisha	08-06-2018
85	GEDCOL_High school and boys hostel of BOSEHigh school and boys hostel of BOSE	Azure Power Mercury private limited	0.025	Odisha	08-06-2018
86	GEDCOL_Biju Patnayak Film And Television Institute of Odisha	Azure Power Mercury private limited	0.04694	Odisha	08-06-2018
87	GEDCOL_Unit 9 Girl School	Azure Power Mercury private limited	0.01	Orissa	09-06-2018
88	GEDCOL_Govt. ITI College	Azure Power Mercury private limited	0.0304	Orissa	09-06-2018
89	GEDCOL_Capital Hospital	Azure Power Mercury private limited	0.125	Himachal Pradesh	09-06-2018
90	REMCL1_Railway_Hospital_Agra	Azure Power Forty Four Private Limited	0.05544	Uttar Pradesh	11-06-2018
91	GEDCOL_Odisha Govt. Press & Printing, Directorate of Printing, Stationery and Publication	Azure Power Mercury private limited	0.0567	Odisha	11-06-2018
92	GEDCOL_Directorate of Printing Orissa Gov. press and printing unit	Azure Power Mercury private limited	0.19751	Odisha	11-06-2018
93	GEDCOL_Agriculture Engg. Tech. College	Azure Power Mercury private limited	0.05	Orissa	12-06-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
94	REMCL1_Sikar Railway Station	Azure Power Forty Four Private Limited	0.09828	Rajasthan	17-06-2018
95	GEDCOL_EIC Building	Azure Power Mercury private limited	0.01	Orissa	18-06-2018
96	REMCL1_Cheoki Junction	Azure Power Forty Four Private Limited	0.05	Uttar Pradesh	26-06-2018
97	REMCL1_MLR Coach factory Jhansi	Azure Power Forty Four Private Limited	1.20576	Uttar Pradesh	28-06-2018
98	REMCL1_Malwan Railway Station	Azure Power Forty Four Private Limited	0.01071	Uttar Pradesh	29-06-2018
99	REMCL1_Naini Railway Station	Azure Power Forty Four Private Limited	0.165	Uttar Pradesh	29-06-2018
100	DMRC Tis Hajari Children's Home	Azure power Saturn Private Limited	0.01008	Delhi	30-06-2018
101	REMCL1_Gandhinagar Railway Station	Azure Power Forty Four Private Limited	0.0504	Rajasthan	10-07-2018
102	REMCL1_Vindhyachal Stn.	Azure Power Forty Four Private Limited	0.04	Uttar Pradesh	11-07-2018
103	REMCL1_Reengus Railway Station	Azure Power Forty Four Private Limited	0.01008	Rajasthan	16-07-2018
104	REMCL1_Gatore Railway Station	Azure Power Forty Four Private Limited	0.01008	Rajasthan	17-07-2018
105	REMCL1_Wagon Workshop	Azure Power Forty Four Private Limited	2.6	Uttar Pradesh	30-07-2018
106	REMCL1_Firozabad Railway Station	Azure Power Forty Four Private Limited	0.02496	Uttar Pradesh	02-08-2018
107	REMCL1_Jodhpur Workshop	Azure Power Forty Four Private Limited	0.44	Rajasthan	14-08-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
108	GEDCOL_Maharishi College of Natural Law	Azure Power Mercury private limited	0.00945	ODISHA	21-08-2018
109	GEDCOL_Odisha State Guest House	Azure Power Mercury private limited	0.025	ODISHA	21-08-2018
110	GEDCOL_Dental department new and old building	Azure Power Mercury private limited	0.0384	ODISHA	21-08-2018
111	GEDCOL_SECHA SADAN	Azure Power Mercury private limited	0.075	ODISHA	21-08-2018
112	GEDCOL_City Hospital	Azure Power Mercury private limited	0.08	Orissa	22-08-2018
113	GEDCOL_Central Library	Azure Power Mercury private limited	0.15	Orissa	23-08-2018
114	REMCL1_Runija Station Building	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	24-08-2018
115	REMCL1_Bangrod Nagar Station Building RCC	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	24-08-2018
116	GEDCOL_SLDC Building	Azure Power Mercury private limited	0.015	Orissa	24-08-2018
117	GEDCOL_Old Circuit House	Azure Power Mercury private limited	0.016	ODISHA	24-08-2018
118	GEDCOL_Rajdhani College 24.32 KWp	Azure Power Mercury private limited	0.025	ODISHA	24-08-2018
119	GEDCOL_CET 2	Azure Power Mercury private limited	0.1111	ODISHA	24-08-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
120	GEDCOL_CET 3	Azure Power Mercury private limited	0.12909	ODISHA	24-08-2018
121	GEDCOL_CET 2&3	Azure Power Mercury private limited	0.24019	ODISHA	24-08-2018
122	REMCL1_Kishangarh Railway Station	Azure Power Forty Four Private Limited	0.0504	Rajasthan	27-08-2018
123	REMCL1_RPF Barrack Chittorgarh	Azure Power Forty Four Private Limited	0.015	Rajasthan	29-08-2018
124	REMCL_Running Room Chittorgarh Ratlam	Azure Power Forty Four Private Limited	0.035	Rajasthan	29-08-2018
125	REMCL1_Daurai Railway Station	Azure Power Forty Four Private Limited	0.0504	Rajasthan	31-08-2018
126	REMCL1_Ahemdabad Junction	Azure Power Forty Four Private Limited	0.125	Gujarat	31-08-2018
127	REMCL1_Jaipur Railway station	Azure Power Forty Four Private Limited	0.5	Rajasthan	14-09-2018
128	REMCL1_Jagjeevan Ram Hospital, Mumbai	Azure Power Forty Four Private Limited	0.19968	Maharashtra	29-09-2018
129	REMCL2_Traffic Building CSMT, Mumbai	Azure Power Rooftop Four Private Limited	0.11	Maharashtra	13-10-2018
130	REMCL2_Egmore Station,Chennai	Azure Power Rooftop Four Private Limited	0.25	Tamil Nadu	13-10-2018
131	SECI_TE Malerkotla, Sangrur	Azure Power Rooftop One Private Limited	0.02535	Punjab	15-10-2018
132	SECI_Guru Nanak Dev University, Regional Campus, Gurdaspur	Azure Power Rooftop One Private Limited	0.1	Punjab	16-10-2018
133	SECI_Guru Nanak Dev University	Azure Power Rooftop One Private Limited	1.48005	Punjab	16-10-2018
134	SECI_BSNL Urla CSTD	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	17-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
135	SECI_BSNL Khamardhi	Azure Power Rooftop One Private Limited	0.06012	Chhattisgarh	17-10-2018
136	SECI_NIT Rourkela	Azure Power Rooftop One Private Limited	1.02018	Odissa	17-10-2018
137	SECI_BSNL Max_1 Korba	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	18-10-2018
138	SECI_BSNL Raigarh	Azure Power Rooftop One Private Limited	0.05005	Chhattisgarh	18-10-2018
139	SECI_BSNL Bhubaneswar	Azure Power Rooftop One Private Limited	0.05032	Orissa	18-10-2018
140	SECI_Door Sanchar	Azure Power Rooftop One Private Limited	0.05032	Odisha	18-10-2018
141	REMCL2_Kalyan Railway Station	Azure Power Rooftop Four Private Limited	0.08	Maharashtra	19-10-2018
142	SECI_Community Center, Sector 38,W	Azure Power Rooftop One Private Limited	0.015275	Chandigarh	20-10-2018
143	SECI_Community Center Sector 42,B	Azure Power Rooftop One Private Limited	0.015275	Chandigarh	20-10-2018
144	SECI_Haryana Jails, Director General Of Prisons, Punchkula Haryana	Azure Power Rooftop One Private Limited	0.0195	Haryana	20-10-2018
145	SECI_BSNL, RANJIT AVENUE, AMRITSAR	Azure Power Rooftop One Private Limited	0.02015	Punjab	20-10-2018
146	SECI_Community Center, Sector 18, C	Azure Power Rooftop One Private Limited	0.02015	Chandigarh	20-10-2018
147	SECI_Community Center, Sector 19, B	Azure Power Rooftop One Private Limited	0.02015	Chandigarh	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
148	SECI_Community Center, Sector 22, B	Azure Power Rooftop One Private Limited	0.0247	Chandigarh	20-10-2018
149	SECI_TE Karnal (Main)	Azure Power Rooftop One Private Limited	0.025	Haryana	20-10-2018
150	SECI_BSNL Main TE Hisar	Azure Power Rooftop One Private Limited	0.025025	Haryana	20-10-2018
151	SECI_BSNL Faridabad	Azure Power Rooftop One Private Limited	0.025025	Haryana	20-10-2018
152	SECI_BSNL Jind	Azure Power Rooftop One Private Limited	0.025025	Haryana	20-10-2018
153	SECI_T.E. Bldg. Manimajra, Chandigarh	Azure Power Rooftop One Private Limited	0.025025	Chandigarh	20-10-2018
154	SECI_Sub Jail Pathankot	Azure Power Rooftop One Private Limited	0.025	Punjab	20-10-2018
155	SECI_TE Karnal (GM office)	Azure Power Rooftop One Private Limited	0.0255125	Haryana	20-10-2018
156	SECI_Central Jail Gurdaspur	Azure Power Rooftop One Private Limited	0.0299	Punjab	20-10-2018
157	SECI_Community Center Maloya	Azure Power Rooftop One Private Limited	0.0299	Chandigarh	20-10-2018
158	SECI_BSNL Gurgaon	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
159	SECI_BSNL Bahadurgarh	Azure Power Rooftop One Private Limited	0.0300225	Haryana	20-10-2018
160	SECI_Community Center, Sector 48, C	Azure Power Rooftop One Private Limited	0.034775	Chandigarh	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
161	SECI_TE KURUKSHETRA	Azure Power Rooftop One Private Limited	0.0351	Haryana	20-10-2018
162	SECI_TE Samadhi Road Khanna, Ludhiana	Azure Power Rooftop One Private Limited	0.0351	Punjab	20-10-2018
163	SECI_BSNL Dana Mandi Moga, Ferozpur	Azure Power Rooftop One Private Limited	0.0403	Punjab	20-10-2018
164	SECI_TE 17, Chandigarh	Azure Power Rooftop One Private Limited	0.04485	Chandigarh	20-10-2018
165	SECI_TE Barnala, Sangrur	Azure Power Rooftop One Private Limited	0.04485	Punjab	20-10-2018
166	SECI_Woman Jail LDH	Azure Power Rooftop One Private Limited	0.045175	Punjab	20-10-2018
167	SECI_Water Treatment Plant Raman Punjab	Azure Power Rooftop One Private Limited	0.05005	Punjab	20-10-2018
168	SECI_BSNL Old GM Office and New TE Building, Ferozpur	Azure Power Rooftop One Private Limited	0.05005	Punjab	20-10-2018
169	SECI_Dist Jail Barnala	Azure Power Rooftop One Private Limited	0.05005	Punjab	20-10-2018
170	SECI_Punjab Jail training school	Azure Power Rooftop One Private Limited	0.05005	Punjab	20-10-2018
171	SECI_Dist jail Hoshiarpur	Azure Power Rooftop One Private Limited	0.054925	Punjab	20-10-2018
172	SECI_Water Treatment Plant, BHIKI, Punjab	Azure Power Rooftop One Private Limited	0.055	Punjab	20-10-2018
173	SECI_CGMT Bldg Ambala Cantt	Azure Power Rooftop One Private Limited	0.05525	Haryana	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
174	SECI_PWSSB HO, Chandigarh	Azure Power Rooftop One Private Limited	0.05525	Chandigarh	20-10-2018
175	SECI_Main TE Bldg Ambala Cantt	Azure Power Rooftop One Private Limited	0.060125	Haryana	20-10-2018
176	SECI_Haryana Jails, District Jail Bhiwani	Azure Power Rooftop One Private Limited	0.060125	Haryana	20-10-2018
177	SECI_Dist jail Roop nagar	Azure Power Rooftop One Private Limited	0.065	Punjab	20-10-2018
178	SECI_GST Building, Ludhiana	Azure Power Rooftop One Private Limited	0.065	Punjab	20-10-2018
179	SECI_TE Mandi Gobindgarh, Patiala	Azure Power Rooftop One Private Limited	0.065	Punjab	20-10-2018
180	SECI_Haryana Jails, District Jail Jind	Azure Power Rooftop One Private Limited	0.065325	Haryana	20-10-2018
181	SECI_Haryana Jails, District Jail Kurushetra	Azure Power Rooftop One Private Limited	0.065325	Haryana	20-10-2018
182	SECI_Survey of India Sec 32A	Azure Power Rooftop One Private Limited	0.075075	Chandigarh	20-10-2018
183	SECI_Community Center, Sector 49, C	Azure Power Rooftop One Private Limited	0.07995	Chandigarh	20-10-2018
184	SECI_Guru Nanak Dev University, Regional Campus, Jalandhar	Azure Power Rooftop One Private Limited	0.090025	Punjab	20-10-2018
185	SECI_Haryana Jails, District Jail Sonipat	Azure Power Rooftop One Private Limited	0.09035	Haryana	20-10-2018
186	SECI_Guru Nanak Dev University, Regional Campus, Sathiala	Azure Power Rooftop One Private Limited	0.095225	Punjab	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
187	SECI_Haryana Jails, Central Jail Ambala	Azure Power Rooftop One Private Limited	0.104	Haryana	20-10-2018
188	SECI_CGMT Admn, Chandigarh	Azure Power Rooftop One Private Limited	0.104975	Chandigarh	20-10-2018
189	SECI_CIPET, Murthal, Haryana	Azure Power Rooftop One Private Limited	0.11	Haryana	20-10-2018
190	SECI_Water Treatment Plant, Kotkapura, Punjab	Azure Power Rooftop One Private Limited	0.115	Punjab	20-10-2018
191	SECI_Haryana Jails, District Jail Narnaul	Azure Power Rooftop One Private Limited	0.12025	Haryana	20-10-2018
192	SECI_Dist jail Sangrur	Azure Power Rooftop One Private Limited	0.124475	Punjab	20-10-2018
193	SECI_Dist jail Mansa	Azure Power Rooftop One Private Limited	0.125125	Punjab	20-10-2018
194	SECI_Dist jail Nabha	Azure Power Rooftop One Private Limited	0.13	Punjab	20-10-2018
195	SECI_Haryana Jails, District Jail Kaithal	Azure Power Rooftop One Private Limited	0.139425	Haryana	20-10-2018
196	SECI_Principal Accountant General Audit Haryana, Chandigarh	Azure Power Rooftop One Private Limited	0.140075	Chandigarh	20-10-2018
197	SECI_BSNL RTTC Rajpura, Patiala	Azure Power Rooftop One Private Limited	0.147225	Punjab	20-10-2018
198	SECI_Central Jail Frz	Azure Power Rooftop One Private Limited	0.149825	Punjab	20-10-2018
199	SECI_Central University Haryana	Azure Power Rooftop One Private Limited	0.16	Haryana	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
200	SECI_central jail patiala	Azure Power Rooftop One Private Limited	0.175	Punjab	20-10-2018
201	SECI_Central Jail LDH	Azure Power Rooftop One Private Limited	0.18	Punjab	20-10-2018
202	SECI_Water Treatment Plant, Mansa, Punjab	Azure Power Rooftop One Private Limited	0.18525	Punjab	20-10-2018
203	SECI_Borstal Jail LDH	Azure Power Rooftop One Private Limited	0.26	Punjab	20-10-2018
204	SECI_Haryana Jails, Central Jail Rohtak	Azure Power Rooftop One Private Limited	0.39975	Haryana	20-10-2018
205	SECI_Haryana Jails, District jail Yamuna nagar	Azure Power Rooftop One Private Limited	0.4	Haryana	20-10-2018
206	SECI_Haryana Jails, District Prison Panipat	Azure Power Rooftop One Private Limited	0.4004	Haryana	20-10-2018
207	SECI_Central Jail Btd	Azure Power Rooftop One Private Limited	0.470275	Punjab	20-10-2018
208	SECI_Central Jail Asr	Azure Power Rooftop One Private Limited	0.47515	Punjab	20-10-2018
209	SECI_Modern jail KPT	Azure Power Rooftop One Private Limited	0.5	Punjab	20-10-2018
210	SECI_Punjab Agro Juices Limted, Abhor	Azure Power Rooftop One Private Limited	0.5	Punjab	20-10-2018
211	SECI_Punjab Agro Juices Limted, Hoshiarpur	Azure Power Rooftop One Private Limited	0.5	Punjab	20-10-2018
212	SECI_Dist Jail Muktsar	Azure Power Rooftop One Private Limited	0.54015	Punjab	20-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
213	SECI_Haryana Jails, District Jail Gurgaon	Azure Power Rooftop One Private Limited	0.6	Haryana	20-10-2018
214	SECI_Haryana Jails, Central Jail Karnal	Azure Power Rooftop One Private Limited	0.6981	Haryana	20-10-2018
215	SECI_Dr. B R Ambedkar National Institute of	Azure Power Rooftop One Private Limited	0.9980075	Punjab	20-10-2018
216	SECI_NSG Campus, Manesar	Azure Power Rooftop One Private Limited	1.0000025	Haryana	20-10-2018
217	SECI_Central Jail Fkt	Azure Power Rooftop One Private Limited	1.0000025	Punjab	20-10-2018
218	SECI_Punjab Agricultural University	Azure Power Rooftop One Private Limited	1.0000025	Punjab	20-10-2018
219	SECI_Punjabi University Patiala	Azure Power Rooftop One Private Limited	1.0000025	Punjab	20-10-2018
220	SECI_Giani Zail Singh Campus College of Eng. & Tech., Bathinda Punjab	Azure Power Rooftop One Private Limited	1.0000675	Punjab	20-10-2018
221	SECI_GADVASU College Of Fisheries,Ludhiana,Punjab	Azure Power Rooftop One Private Limited	1.10565	Punjab	20-10-2018
222	SECI_GADVASU College Of Fisheries,Ludhiana,Punjab	Azure Power Rooftop One Private Limited	1.10565	Punjab	20-10-2018
223	REMCL1_Vasai Road Railway Station	Azure Power Forty Four Private Limited	0.095	Maharashtra	22-10-2018
224	REMCL1_Running Room, Agra Cantt	Azure Power Forty Four Private Limited	0.02496	Agra	26-10-2018
225	REMCL1_Pindwara Railway Station	Azure Power Forty Four Private Limited	0.014175	Rajasthan	29-10-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
226	DJB SONIA VIHAR	Azure Power Thirty Eight Private Limited	0.62818	New Delhi	31-10-2018
227	REMCL2_Kurla Railway Station	Azure Power Rooftop Four Private Limited	0.02015	Maharashtra	01-11-2018
228	Railway2_Tiruchapalli Station	Azure Power Rooftop Four Private Limited	0.2	Tamil Nadu	04-11-2018
229	REMCL2_Trichlapally Junction	Azure Power Rooftop Four Private Limited	0.32505	Tamil Nadu	04-11-2018
230	REMCL1_Chandawal Railway Station	Azure Power Forty Four Private Limited	0.0143	Rajasthan	16-11-2018
231	REMCL1_Jawai Bandh Railway Station	Azure Power Forty Four Private Limited	0.024885	Rajasthan	16-11-2018
232	REMCL1_Borivali Railway Station	Azure Power Forty Four Private Limited	0.3	Maharashtra	16-11-2018
233	REMCL1_Parcel Office, Waiting Hall, Sri Ganga Nagar	Azure Power Forty Four Private Limited	0.083	Rajasthan	26-11-2018
234	REMCL2_Car Shed Admin building, Kalwa	Azure Power Rooftop Four Private Limited	0.05492	Maharashtra	27-11-2018
235	REMCL1_Mira Road station	Azure Power Forty Four Private Limited	0.115	Maharashtra	30-11-2018
236	REMCL1_Dhanu Road Railway Station	Azure Power Forty Four Private Limited	0.04	Maharashtra	01-12-2018
237	REMCL2_Coimbatore Railway Station	Azure Power Rooftop Four Private Limited	0.1001	Tamil Nadu	12-12-2018
238	REMCL2_Diesel Loco Shed Motibag, Nagpur	Azure Power Rooftop Four Private Limited	0.12478	Maharashtra	12-12-2018
239	BSNL Civil lines	Azure power Rooftop one Private Limited	0.06013	Maharashtra	13-12-2018

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
240	BSNL RTTC Colony	Azure power Rooftop one Private Limited	0.3	UP	14-12-2018
241	BSNL CTO_Allahabad	Azure power Rooftop one Private Limited	0.0455	UP	15-12-2018
242	REMCL2_Madurai Junction	Azure Power Rooftop Four Private Limited	0.1	Tamil Nadu	16-12-2018
243	REMCL1_Dholpur Junction railway station	Azure Power Forty Four Private Limited	0.0948	Rajasthan	21-12-2018
244	BSNL, MI Road Jaipur, Rajasthan	Azure power Rooftop one Private Limited	0.1053	Rajasthan	27-12-2018
245	BSNL BAJAJ NAGAR	Azure power Rooftop one Private Limited	0.05525	Rajasthan	28-12-2018
246	REMCL2_Salem Junction	Azure Power Rooftop Four Private Limited	0.1001	Tamil Nadu	31-12-2018
247	Railway2_Diesel Shed_BMY	Azure Power Rooftop Four Private Limited	0.298	Chhattisgarh	31-12-2018
248	BSNL TE Alambagh	Azure power Rooftop one Private Limited	0.05005	Chhattisgarh	04-01-2019
249	REMCL1_Madar Gate, Ajmer	Azure Power Forty Four Private Limited	0.075	Rajasthan	04-01-2019
250	SECI GBU NOIDA	Azure Power Rooftop One Private Limited	2.84	UP	06-01-2019
251	DJB Nangoli	Azure Power Thirty Eight Private Limited	1.81632	New Delhi	07-01-2019
252	REMCL1_Shikohabad Railway Station	Azure Power Forty Four Private Limited	0.04	Uttar Pradesh	10-01-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
253	BSNL Saket Nagar	Azure power Rooftop one Private Limited	0.07508	Uttar Pradesh	11-01-2019
254	BSNL Lajpat Nagar	Azure power Rooftop one Private Limited	0.04 03	Uttar Pradesh	15-01-2019
255	REMCL1_Mela Shed Allahabad Junction	Azure Power Forty Four Private Limited	0.18	Uttar Pradesh	15-01-2019
256	REMCL1_Morena Railway Station	Azure Power Forty Four Private Limited	0.01984	Madhya Pradesh	16-01-2019
257	REMCL1_Birlanagar Railway Station	Azure Power Forty Four Private Limited	0.03528	Madhya Pradesh	17-01-2019
258	Railway2_DRM Office	Azure Power Rooftop Four Private Limited	0.12505	Tamil Nadu	21-01-2019
259	Railway2_DRM Office	Azure Power Rooftop Four Private Limited	0.12505	Tamil Nadu	21-01-2019
260	REMCL1_Datia railway station	Azure Power Forty Four Private Limited	0.01008	Madhya Pradesh	22-01-2019
261	REMCL1_Dabra railway station	Azure Power Forty Four Private Limited	0.02496	Madhya Pradesh	23-01-2019
262	BSNL Gorakhpur	Azure power Rooftop one Private Limited	0.02503	Orissa	23-01-2019
263	Income Tax Department, Jaipur	Azure Power Forty Four Private Limited	0.015	Orissa	24-01-2019
264	SECI_RK Nagar Exchange	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	24-01-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
265	GEDCOL_PG Hostel	Azure Power Mercury private limited	0.01604	Odisha	30-01-2019
266	GEDCOL_Biochemistry department,SCB medical college	Azure Power Mercury private limited	0.01824	Odisha	30-01-2019
267	GEDCOL_Administrative building AHRCC	Azure Power Mercury private limited	0.0512	Odisha	30-01-2019
268	Admin Bldg, Jhalana Dongri, Jaipur	Azure Power Forty Four Pvt Ltd	0.0403	Rajasthan	31-01-2019
269	GEDCOL_Old Hostel, Sailabala	Azure Power Mercury private limited	0.01024	ODISHA	31-01-2019
270	GEDCOL_Revenue Divisional Commissioner	Azure Power Mercury private limited	0.015	Orissa	31-01-2019
271	GEDCOL_Sailabala Main Building	Azure Power Mercury private limited	0.02304	Orissa	31-01-2019
272	BSNL Admn. Bldg. Jhalana Dungri	Azure power Rooftop one Private Limited	0.0403	Orissa	31-01-2019
273	BSNL Udaipur	Azure power Rooftop one Private Limited	0.04518	Orissa	31-01-2019
274	GEDCOL_Cancer ward AHRCC	Azure Power Mercury private limited	0.07616	Odisha	31-01-2019
275	BSNL, Main Exchange, Udaipur	Azure power Rooftop one Private Limited	0.04517	Rajasthan	31-01-2019
276	GEDCOL_Revenue Divisional Officer	Azure Power Mercury private limited	0.02432	ODISHA	31-01-2019
277	GEDCOL_Directorate of technical Education and Training	Azure Power Mercury private limited	0.015	Orissa	01-02-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
278	GEDCOL_Odisha state police headquater	Azure Power Mercury private limited	0.01536	Odisha	01-02-2019
279	BSNL Admin Building Lalkothi	Azure power Rooftop one Private Limited	0.02015	Odisha	01-02-2019
280	GEDCOL_Ayurvedic Hospital	Azure Power Mercury private limited	0.01152	Orissa	02-02-2019
281	BSNL Mancaud	Azure power Rooftop one Private Limited	0.065	Odisha	02-02-2019
282	BSNL Deoria	Azure power Rooftop one Private Limited	0.04	Uttar Pradesh	03-02-2019
283	BSNL Main Exchange Building	Azure power Rooftop one Private Limited	0.04518	New Delhi	05-02-2019
284	DJB Mangolpuri BPS	Azure Power Thirty Eight Private Limited	0.0611	New Delhi	06-02-2019
285	Rohini Sector 7 BPS	Azure Power Thirty Eight Private Limited	0.0702	New Delhi	06-02-2019
286	DJB Command Tank 4	Azure Power Thirty Eight Private Limited	0.14202	New Delhi	06-02-2019
287	DJB Karala BPS	Azure Power Thirty Eight Private Limited	0.23205	New Delhi	06-02-2019
288	DJB Command Tank 3	Azure Power Thirty Eight Private Limited	0.45663	New Delhi	06-02-2019
289	BSNL DTO Building	Azure power Rooftop one Private Limited	0.02503	New Delhi	07-02-2019
290	BSNL TE Building	Azure power Rooftop one Private Limited	0.0351	New Delhi	07-02-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
291	BSNL Unnao, Uttar Pradesh	Azure power Rooftop one Private Limited	0.05005	Uttar Pradesh	13-02-2019
292	Railway2_Erode Diesel Locoshed	Azure Power Rooftop Four Private Limited	0.1001	Tamil Nadu	15-02-2019
293	Railway2_Erode Booking Office	Azure Power Rooftop Four Private Limited	0.025	Tamil Nadu	20-02-2019
294	REMCL1_Pipliya Station Building	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	22-02-2019
295	SECI_BSNL, CTO, Jalandhar	Azure Power Rooftop One Private Limited	0.05005	Punjab	23-02-2019
296	SECI_BSNL Nawanshahar, Jalandhar	Azure Power Rooftop One Private Limited	0.03	Punjab	26-02-2019
297	REMCL2_DRM Office Madurai	Azure Power Rooftop Four Private Limited	0.1001	Tamil Nadu	26-02-2019
298	REMCL2_Chennai Central	Azure Power Rooftop Four Private Limited	0.35	Tamil Nadu	04-03-2019
299	REMCL2_Erode railway station	Azure Power Rooftop Four Private Limited	0.055	Tamil Nadu	06-03-2019
300	SECI_TE Leela Bhawan, Patiala	Azure Power Rooftop One Private Limited	0.0598	Punjab	07-03-2019
301	DJB Chattarpur BPS	Azure Power Thirty Eight Private Limited	0.1716	Delhi	07-03-2019
302	DJB Janakpuri	Azure Power Thirty Eight Private Limited	0.1725	Delhi	07-03-2019
303	DJB Najafgarh	Azure Power Thirty Eight Private Limited	0.1794	Delhi	07-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
304	SECI_Haryana Jails, District jail Faridabad	Azure Power Rooftop One Private Limited	0.5954	Haryana	08-03-2019
305	railway2_Rajnanad Gaon Railway Station	Azure Power Rooftop Four Private Limited	0.13	Chhattisgarh	11-03-2019
306	REMCL1_Nagda (NAD) Railway Hospital (Grassime side)	Azure Power Forty Four Private Limited	0.00504	Madhya Pradesh	14-03-2019
307	SECI_BSNL Nabha, Patiala	Azure Power Rooftop One Private Limited	0.0299	Punjab	14-03-2019
308	REMCL1_Indore Coaching Depot RCC	Azure Power Forty Four Private Limited	0.0099	Madhya Pradesh	15-03-2019
309	REMCL1_Gautampura Railway Station	Azure Power Forty Four Private Limited	0.0099	Madhya Pradesh	15-03-2019
310	REMCL1_Fatehabad Railway Station	Azure Power Forty Four Private Limited	0.0099	Uttar Pradesh	15-03-2019
311	REMCL1_Maksi (MKC) Equipment Room	Azure Power Forty Four Private Limited	0.00992	Madhya Pradesh	15-03-2019
312	REMCL1_Rajkot (RJT) OLD DRM	Azure Power Forty Four Private Limited	0.014805	Rajasthan	15-03-2019
313	REMCL1_Jaora Railway Station	Azure Power Forty Four Private Limited	0.015	Madhya Pradesh	15-03-2019
314	REMCL1_Rajkot (RJT) Railway Station	Azure Power Forty Four Private Limited	0.0189	Rajasthan	15-03-2019
315	REMCL2_ Swimmng pool Mughalsarai	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
316	REMCL1_Indore Junction RCC	Azure Power Forty Four Private Limited	0.025	Madhya Pradesh	15-03-2019
317	REMCL1_Barnagar Railway Station	Azure Power Forty Four Private Limited	0.025	Madhya Pradesh	15-03-2019
318	REMCL1_Chittorgarh Railway Station	Azure Power Forty Four Private Limited	0.03	Rajasthan	15-03-2019
319	REMCL2_ Mughalsarai Junction platform shed	Azure Power Genco Private Limited	0.0351	Uttar Pradesh	15-03-2019
320	REMCL1_Naigaon Railway Station	Azure Power Forty Four Private Limited	0.04	Maharashtra	15-03-2019
321	REMCL1_Dahanu Road Railway Station	Azure Power Forty Four Private Limited	0.04	Maharashtra	15-03-2019
322	REMCL2_ Railway hospital Mughalsarai	Azure Power Genco Private Limited	0.04	Uttar Pradesh	15-03-2019
323	REMCL2_ DRM Building Mughalsarai	Azure Power Genco Private Limited	0.045	Uttar Pradesh	15-03-2019
324	REMCL1_Rewari	Azure Power Forty Four Private Limited	0.0504	Rajasthan	15-03-2019
325	REMCL2_Shoranur railway station	Azure Power Rooftop Four Private Limited	0.051	Kerala	15-03-2019
326	REMCL2_ Station Building,Rajnandgaon railway staion	Azure Power Rooftop Four Private Limited	0.12988	Chhattisgarh	15-03-2019
327	REMCL1_Rajkot (RJT) Railway Hospital(OPD)	Azure Power Forty Four Private Limited	0.16224	Gujarat	15-03-2019
328	REMCL1_Shambhupura (ROH) Railway Station	Azure Power Forty Four Private Limited	0.2	Rajasthan	15-03-2019
329	REMCL1_Nagda (Platform No. 1) Railway Station	Azure Power Forty Four Private Limited	0.2252	Madhya Pradesh	15-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
330	REMCL1_Indore Railway Station	Azure Power Forty Four Private Limited	0.2346	Madhya Pradesh	15-03-2019
331	REMCL2_ 2nd class waiting hall gondia	Azure Power Rooftop Four Private Limited	0.2691	Maharashtra	15-03-2019
332	REMCL2_ Mughalsarai Junction	Azure Power Genco Private Limited	0.998	Uttar Pradesh	15-03-2019
333	REMCL2_ Swimmng pool Mughalsarai	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019
334	REMCL2_ Swimmng pool Mughalsarai	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019
335	REMCL2_ CWA New Station Building Chhindwara	Azure Power Rooftop Four Private Limited	0.169	MadhyaPradesh	15-03-2019
336	REMCL2_NOP ORH, Mount Road, Nagpur	Azure Power Rooftop Four Private Limited	0.0397	Maharashtra	15-03-2019
337	REMCL1_Nimbahera (NBH) railway station	Azure Power Forty Four Private Limited	0.0125	Rajasthan	16-03-2019
338	REMCL1_Mandsaur (MDS) Railway Station	Azure Power Forty Four Private Limited	0.04	Madhya Pradesh	16-03-2019
339	REMCL1_Neemach (NMH) Railway Station	Azure Power Forty Four Private Limited	0.04992	Madhya Pradesh	16-03-2019
340	REMCL1_Sujhalpur Station	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	18-03-2019
341	REMCL1_Chittaurgarh (COR) Power House	Azure Power Forty Four Private Limited	0.01796	Rajasthan	18-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
342	DJB Avantika	Azure Power Thirty Eight Private Limited	0.29348	Delhi	18-03-2019
343	REMCL1_Sehore Electrical Office	Azure Power Forty Four Private Limited	0.00441	Madhya Pradesh	18-03-2019
344	GEDCOL_IIIT Bhubaneswar	Azure Power Mercury private limited	0.0608	Odisha	19-03-2019
345	SECI_PWSSB, WTP Rajpura	Azure Power Rooftop One Private Limited	0.149825	Punjab	19-03-2019
346	GEDCOL_National Law University	Azure Power Mercury private limited	0.27027	Odisha	19-03-2019
347	HAL	Solar Power Rooftop Three Pvt. Ltd	6	Odisha	20-03-2019
348	DJB Deear Park	Azure Power Thirty Eight Private Limited	0.0416	Delhi	26-03-2019
349	Railway2_Palakkad Junction	Azure Power Rooftop Four Private Limited	0.05	Kerala	26-03-2019
350	Oberoi_Trident Chennai	Azure Sunlight private limited	0.07904	Tamil Nadu	26-03-2019
351	GEDCOL_Office of the Engineer in Chief (Electricity)	Azure Power Mercury private limited	0.01088	o	27-03-2019
352	GEDCOL_New Circuit house	Azure Power Mercury private limited	0.01197	o	27-03-2019
353	GEDCOL_Firestation	Azure Power Mercury private limited	0.02394	o	27-03-2019
354	GEDCOL_Dr. Abhin Chandra	Azure Power Mercury private limited	0.0252	ODISHA	27-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
355	GEDCOL_Utkal Sangeet Mahavidyalaya	Azure Power Mercury private limited	0.029925	o	27-03-2019
356	Railway2_Kozhikode Railway Station	Azure Power Rooftop Four Private Limited	0.1	Kerala	27-03-2019
357	Etawah Junction railway station	Azure Power Forty Four Private Limited	0.04992	Uttar Pradesh	28-03-2019
358	DJB Rohini Sector 19	Azure Power Thirty Eight Private Limited	0.11667	Delhi	28-03-2019
359	SECI_BSNL Office Urla	Azure Power Rooftop One Private Limited	0.015	Chhattisgarh	29-03-2019
360	Railway2_Kannur Railway Station	Azure Power Rooftop Four Private Limited	0.05	Kerala	29-03-2019
361	GEDCOL_Govt. ITI Cuttack	Azure Power Mercury private limited	0.05824	Odisha	29-03-2019
362	BRCP station	Azure Power Forty Four Private Limited	0.1776	Gujarat	29-03-2019
363	GEDCOL_Ramadevi Extension	Azure Power Mercury private limited	0.05472	Odisha	30-03-2019
364	REMCL1_SJP ShujalpurTRD Office	Azure Power Forty Four Private Limited	0.00882	MadhyaPradesh	31-03-2019
365	GEDCOL_Madhusudan Das Regional Academy Admin Block 12.16 KW	Azure Power Mercury private limited	0.01	ODISHA	31-03-2019
366	GEDCOL_Govt. Boys High School Unit1	Azure Power Mercury private limited	0.01088	Odisha	31-03-2019
367	GEDCOL_Govt. Boys High School Unit8	Azure Power Mercury private limited	0.01088	Odisha	31-03-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
368	GEDCOL_Circle Office BCDD1	Azure Power Mercury private limited	0.02176	Odisha	31-03-2019
369	GEDCOL_Madhusudan Das Regional Academy Guest House 30.72 KW	Azure Power Mercury private limited	0.03	Odisha	31-03-2019
370	Pratapnagar (PRTN) railway hospital	Azure Power Forty Four Private Limited	0.06048	Gujarat	31-03-2019
371	Pratapnagar (PRTN) DRM office	Azure Power Forty Four Private Limited	0.09828	Gujarat	31-03-2019
372	Railway2_Shoranur	Azure Power Rooftop Four Private Limited	0.0507	Kerala	31-03-2019
373	NAIR, Pratapnagar	Azure Power Forty Four Private Limited	0.02016	Gujarat	31-03-2019
374	NAIR, Pratapnagar	Azure Power Forty Four Private Limited	0.0789	Gujarat	31-03-2019
375	Railways2_Railway Armary Bilaspur	Azure Power Forty Four Private Limited	0.0351	Chhattisgarh	06-04-2019
376	DMRC Bahadurgarh	Azure power Saturn Private Limited	0.784	New Delhi	08-04-2019
377	BSNL Subash Nagar, Jodhpur	Azure power Rooftop one Private Limited	0.0351	Rajasthan	14-04-2019
378	Railway2_Rajendranagar Rest House Building	Azure Power Genco Private Limited	0.02015	Bihar	26-04-2019
379	Railway2_Rajendranagar Gaurad Driver Running Room	Azure Power Genco Private Limited	0.030225	Bihar	26-04-2019
380	Railway2_Rajendranagar Station Buidling RNCC	Azure Power Genco Private Limited	0.06045	Bihar	26-04-2019
381	Railway2_Rajendranagar Station Buidling	Azure Power Genco Private Limited	0.075075	Bihar	26-04-2019
382	Railway2_Patna Central hospital	Azure Power Genco Private Limited	0.1456	Bihar	26-04-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
383	Railway2_Patna station building	Azure Power Genco Private Limited	0.420225	Bihar	26-04-2019
384	Railway2_Raipur Railway Hospital	Azure Power Rooftop Four Private Limited	0.02516	Chhattisgarh	29-04-2019
385	Railway2_Samastipur Officer Rest House	Azure Power Genco Private Limited	0.0299	Bihar	29-04-2019
386	Railway2_Samastipur Diesel Shed	Azure Power Genco Private Limited	0.069875	Bihar	29-04-2019
387	Railway2_DRM Building SPJ	Azure Power Genco Private Limited	0.1001	Bihar	29-04-2019
388	Railway2_Samastipur Station Building	Azure Power Genco Private Limited	0.110175	Bihar	29-04-2019
389	Railway2_Hospital SPJ	Azure Power Genco Private Limited	0.125125	Bihar	29-04-2019
390	DMRC jasola vihar shaheen bagh	Azure power Saturn Private Limited	1.5	Delhi	30-04-2019
391	DJB Azadpur BPS	Azure Power Thirty Eight Private Limited	0.025	Delhi	01-05-2019
392	DJB Burari BPS	Azure Power Thirty Eight Private Limited	0.07605	New Delhi	01-05-2019
393	JNV_Durg	Azure Power Genco Private Limited	0.08085	Chhattisgarh	01-05-2019
394	Railway2_Erode Electric Locoshed RCC Roof	Azure Power Rooftop Four Pvt Ltd.	0.05	Tamil Nadu	02-05-2019
395	JNV_Kabirdham	Azure Power Genco Private Limited	0.07524	Chhattisgarh	02-05-2019
396	SECI_IIIT Allahabad	Azure Power Rooftop One Private Limited	0.51513	UTTAR PRADESH	03-05-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
397	JNV_Chara	Azure Power Genco Private Limited	0.0601255	Karnataka	06-05-2019
398	JNV_Kurud	Azure Power Genco Private Limited	0.0700755	Chhattisgarh	06-05-2019
399	Railway2_Gaya Junction	Azure Power Genco Private Limited	0.21158	Bihar	10-05-2019
400	REMCL2_Arakonnam Railway Stattion AJJ	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	24-05-2019
401	DJB Trilokpuri BPS	Azure Power Thirty Eight Private Limited	0.025	Delhi	27-05-2019
402	DJB Surajmal BPS	Azure Power Thirty Eight Private Limited	0.0156	Delhi	28-05-2019
403	DJB Sarita Vihar BPS	Azure Power Thirty Eight Private Limited	0.01755	New Delhi	28-05-2019
404	DJB Apollo Booster BPS	Azure Power Thirty Eight Private Limited	0.025	Delhi	28-05-2019
405	DJB New Kondli BPS	Azure Power Thirty Eight Private Limited	0.04	Delhi	28-05-2019
406	DJB Vasundhra BPS	Azure Power Thirty Eight Private Limited	0.04325	New Delhi	28-05-2019
407	DJB Jagatpuri BPS	Azure Power Thirty Eight Private Limited	0.1	Delhi	28-05-2019
408	DJB Mubarakpur	Azure Power Thirty Eight Private Limited	0.01	Delhi	29-05-2019
409	DJB Rohini Sec 11 BPS	Azure Power Thirty Eight Private Limited	0.04	New Delhi	29-05-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
410	Railways2_Railway hindi medium school bilaspir	Azure Power Rooftop Four Private Limited	0.04063	Chhattisgarh	29-05-2019
411	DJB Kirari BPS	Azure Power Thirty Eight Private Limited	0.22	Delhi	29-05-2019
412	DJB Iradat Nagar BPS	Azure Power Thirty Eight Private Limited	0.075	Delhi	30-05-2019
413	REMCL2_Katpadi Railway Station KPD	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	31-05-2019
414	REMCL2_Tambaram Railway Station TBM	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	04-06-2019
415	DJB Dwarka Command Tank 1	Azure Power Thirty Eight Private Limited	0.05	Delhi	10-06-2019
416	SECI_Directorate of Plants Protection, Quarantine & Storage, Faridabad	Azure Power Rooftop One Private Limited	0.19584	Haryana	10-06-2019
417	SECI_Rajiv Gandhi National University of Law, Patiala	Azure Power Rooftop One Private Limited	0.61735	Punjab	11-06-2019
418	DJB GK North	Azure Power Thirty Eight Private Limited	0.05	Delhi	12-06-2019
419	DJB GK MBR	Azure Power Thirty Eight Private Limited	0.08125	Delhi	12-06-2019
420	DJB GK South	Azure Power Thirty Eight Private Limited	0.14365	Delhi	12-06-2019
421	DJB Lawrance Road BPS	Azure Power Thirty Eight Private Limited	0.035	Delhi	14-06-2019
422	SECI_Haryana Jails, District jail Jhajjar	Azure Power Rooftop One Private Limited	0.355	Haryana	19-06-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
423	SECI_BSNL	Azure Power Rooftop One Private Limited	0.01528	Chhattisgarh	20-06-2019
424	SECI_BSNL DTO	Azure Power Rooftop One Private Limited	0.0195	Chhattisgarh	20-06-2019
425	SECI_BSNL ambikapur	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	20-06-2019
426	SECI_BSNL_Max_1	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	20-06-2019
427	Railway2_Thiruvananthapuram	Azure Power Rooftop Four Private Limited	0.05984	Kerala	20-06-2019
428	Railway2_Erode Electric Locoshed Metal Roof	Azure Power Rooftop Four Pvt Ltd.	0.05	Tamil Nadu	20-06-2019
429	Railway2_TVC_TVC CENTRAL	Azure Power Rooftop Four Private Limited	0.25029	Kerala	20-06-2019
430	SECI_BSNL Max_1 Bhilai	Azure Power Rooftop One Private Limited	0.01528	Chhattisgarh	21-06-2019
431	SECI_BSNL_Max_1_Rajnandgaon	Azure Power Rooftop One Private Limited	0.0403	Chhattisgarh	21-06-2019
432	SECI_ICAR_CRIJAF	Azure Power Rooftop One Private Limited	0.11473	West Bengal	21-06-2019
433	SECI_Paradip Port	Azure Power Rooftop One Private Limited	0.265	Orissa	21-06-2019
434	SECI_Carriage and Wagon Workshop	Azure Power Rooftop One Private Limited	1.50085	West Bengal	21-06-2019
435	SECI_Eastern Railway	Azure Power Rooftop One Private Limited	2.9656	West Bengal	21-06-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
436	SECI_Behala TE	Azure Power Rooftop One Private Limited	0.02502	West Bengal	22-06-2019
437	SECI_BSNL TE Chinnakkada	Azure Power Rooftop One Private Limited	0.02535	Kerala	22-06-2019
438	SECI_Barrackpore TE	Azure Power Rooftop One Private Limited	0.03	West Bengal	22-06-2019
439	SECI_Cossipore TE BSNL	Azure Power Rooftop One Private Limited	0.03022	West Bengal	22-06-2019
440	SECI_BSNL Telephone bhawan	Azure Power Rooftop One Private Limited	0.03022	West Bengal	22-06-2019
441	SEI_BSNL Kodangallur	Azure Power Rooftop One Private Limited	0.030225	Kerala	22-06-2019
442	SECI_BSNL Changanassery	Azure Power Rooftop One Private Limited	0.030225	Kerala	22-06-2019
443	SECI_BSNL Auto exchange	Azure Power Rooftop One Private Limited	0.03023	Chhattisgarh	22-06-2019
444	SECI_BSNL Irinjalakkuda	Azure Power Rooftop One Private Limited	0.03055	Kerala	22-06-2019
445	SECI_BSNL Thiruvalla	Azure Power Rooftop One Private Limited	0.03055	Kerala	22-06-2019
446	SECI_Barasat TE	Azure Power Rooftop One Private Limited	0.035	West Bengal	22-06-2019
447	SECI_Tribeni TE	Azure Power Rooftop One Private Limited	0.035	West Bengal	22-06-2019
448	SECI_BSNL Pala, Kottayam	Azure Power Rooftop One Private Limited	0.035425	Kerala	22-06-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
449	SECI_BSNL Vellayatamblam	Azure Power Rooftop One Private Limited	0.03575	Kerala	22-06-2019
450	SECI_Baghbazar TE	Azure Power Rooftop One Private Limited	0.0403	West Bengal	22-06-2019
451	SECI_National Council Of Science Museum	Azure Power Rooftop One Private Limited	0.0403	West Bengal	22-06-2019
452	SECI_BSNL Uttarpara TE	Azure Power Rooftop One Private Limited	0.0403	West Bengal	22-06-2019
453	SECI_BSNL Kalighat TE	Azure Power Rooftop One Private Limited	0.0403	West Bengal	22-06-2019
454	SECI_Institute of Hotel Management and Catering Technology	Azure Power Rooftop One Private Limited	0.040625	Kerala	22-06-2019
455	SECI_BSNL Vellayil, Calicut	Azure Power Rooftop One Private Limited	0.040625	Kerala	22-06-2019
456	SECI_BSNL Admin Bulding	Azure Power Rooftop One Private Limited	0.040625	Kerala	22-06-2019
457	SECI_BSNL TE Cherthala	Azure Power Rooftop One Private Limited	0.040625	Kerala	22-06-2019
458	SECI_BSNL Kannur	Azure Power Rooftop One Private Limited	0.0408	Kerala	22-06-2019
459	SECI_Birla Industrial & Technical Museum	Azure Power Rooftop One Private Limited	0.04095	West Bengal	22-06-2019
460	SECI_ICAR_Central Plantation Crops Research Institute	Azure Power Rooftop One Private Limited	0.045175	Kerala	22-06-2019
461	SECI_BSNL Medical College	Azure Power Rooftop One Private Limited	0.0455	Kerala	22-06-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
462	SECI_National Institute of Homeopathy 2	Azure Power Rooftop One Private Limited	0.050375	West Bengal	22-06-2019
463	SECI_BSNL Sanchar Nigam Thrissur	Azure Power Rooftop One Private Limited	0.05525	Kerala	22-06-2019
464	SECI_SCTIMST, Medical Institute	Azure Power Rooftop One Private Limited	0.060125	Kerala	22-06-2019
465	SECI_BSNL Malacaud, Trivandrum	Azure Power Rooftop One Private Limited	0.065	Kerala	22-06-2019
466	SECI_Science City	Azure Power Rooftop One Private Limited	0.065	West Bengal	22-06-2019
467	SECI_NSCBTTC BSNL Kolkata	Azure Power Rooftop One Private Limited	0.07	West Bengal	22-06-2019
468	Oberoi_Trident Bhubneshwar	Azure Sunlight private limited	0.07096	Orissa	22-06-2019
469	SECI_NITTTR	Azure Power Rooftop One Private Limited	0.09	West Bengal	22-06-2019
470	JNV_Karap	Azure Power Genco Private Limited	0.10834	Chhattisgarh	22-06-2019
471	SECI_ICAR CTCRI	Azure Power Rooftop One Private Limited	0.125125	Kerala	22-06-2019
472	SECI_NIH Kolkata	Azure Power Rooftop One Private Limited	0.19142	West Bengal	22-06-2019
473	SECI_National Library	Azure Power Rooftop One Private Limited	0.35523	West Bengal	22-06-2019
474	SECI_207 cobra, CRPF Salboni	Azure Power Rooftop One Private Limited	0.63018	West Bengal	22-06-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
475	DJB UJWA BPS	Azure Power Thirty Eight Private Limited	0.090625	New Delhi	01-07-2019
476	SECI_Haryana Jails, Central Jail Hisar 2	Azure Power Rooftop One Private Limited	0.0403	Haryana	04-07-2019
477	SECI_Haryana Jails, District Jail Sirsa	Azure Power Rooftop One Private Limited	0.11	Haryana	04-07-2019
478	SECI_Haryana Jails, Central Jail Hisar 1	Azure Power Rooftop One Private Limited	0.04	Haryana	04-07-2019
479	SECI Cabinet Secretariat	Azure Power Rooftop One Private Limited	0.15	New Delhi	05-07-2019
480	DJB Daulatpur BPS	Azure Power Thirty Eight Private Limited	0.0234	New Delhi	09-07-2019
481	DJB MU Block Pitampura	Azure Power Thirty Eight Private Limited	0.110175	New Delhi	09-07-2019
482	DJB Kirti Nagar BPS	Azure Power Thirty Eight Private Limited	0.125	New Delhi	09-07-2019
483	SECI Shri Lal Bhadur Shastri Rashtriya Sanskrit Vidyapeetha	Azure Power Rooftop One Private Limited	0.15129	New Delhi	12-07-2019
484	REMCL2_Electric Loco Shed Royapuram	Azure Power Rooftop Four Private Limited	0.1	Tamil Nadu	26-07-2019
485	REMCL2_Jolarpettai Workshop	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	07-08-2019
486	BSNL TE, Alwar	Azure power Rooftop one Private Limited	0.04518	Rajasthan	01-10-2019
487	Govt. Engineering College, Ajmer	Azure power Rooftop one Private Limited	0.21028	Rajasthan	01-10-2019

Instances	Site Name	SPV Name	Capacity (MW)	State	Date of Commissioning/03/
488	BSNL TE Sardarpura, Jodhpur	Azure power Rooftop one Private Limited	0.02503	Rajasthan	01-10-2019
489	BSNL VKI, Jaipur	Azure power Rooftop one Private Limited	0.10 01	Rajasthan	01-10-2019
490	Govt. Engineering College, Ajmer	Azure power Rooftop one Private Limited	0.21028	Rajasthan	01-10-2019

The total AC capacity of the project activity is 84.65 MW and the power produced displaces an equivalent amount of power from the grid, which is fed mainly by fossil fuel fired power plants. Hence, it results in reduction of GHG emissions. The average annual GHG emission reductions from the project activity will be 140,874 tonnes of CO_2e and total GHG emission reductions for the chosen 10 year crediting period will be 1,408,740 tonnes of CO_2e.

During this monitoring period, the actual emission reductions to be achieved are 68,935 tCO_2e.

The details of the project location have been mentioned in section 1.12 of the VCS Joint PD and MR. The PP has indicated the project location by mentioning the geographical co-ordinates, which allows for unique and clear identification of the project activity. The geo-coordinates were verified using Google maps to confirm the project location. The coordinates have also been checked against the KML file denoting the geographical boundary of project and are found to be consistent.

2 VALIDATION AND VERIFICATION PROCESS

2.1 Method and Criteria

Validation and Verification Scope: The scope is defined as an independent and objective review of the Joint project design document and Monitoring report. The Joint VCS PD and MR is reviewed against the criteria stated in Article 12 of the Kyoto Protocol, the CDM modalities and procedures as agreed in the Marrakech Accords and the relevant decisions by the CDM Executive Board and VCS standard version 4, including the approved baseline and monitoring methodology AMS I.F. version 3.0/04/ (for the present scenario in the project). The validation and verification were based on the requirements in the Validation and Verification Standardfor project activities version 02/09/, project standard for project activities

version 02/15/, project cycle procedure for project activities version 02/16/ and VCS standard version 4/14/.

The validation and verification are not meant to provide any consulting towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the combined project document and the Monitoring report.

Validation and Verification Process: The project assessment is based on the Clean Development Mechanism Validation and Verification Standard for project activities version 02 and VCS standard version 4.0 and is conducted using standard auditing techniques to assess the correctness of the information provided by the project participants. Before the assessment begins, members of the team covering the technical scope(s), sectoral scope(s), and relevant host country experience for evaluating the VCS project activity are appointed.

Once the project is received by the assessment team, the members of the assessment team carried out:

I A desk review of the Joint project design documentation and monitoring report;

II Follow-up interviews with project stakeholders;

III The resolution of outstanding issues and the issuance of the final Joint –VAL &VER report and opinion.

In order to ensure transparency, assumptions must be clear and stated explicitly and background material must also be referenced. LGAI TECHNOLOGICAL CENTER S.A. (APPLUS+ CERTIFICATION) has developed a specific checklist customized for the project. The checklist demonstrates, in a transparent manner, the project criteria (requirements), discussion on each criterion by the assessment team, and the results from validating/verifying the identified criteria.

Appointment of the assessment team

According to the sectoral scope / technical area and experience in the sectoral or national business environment, LGAI Technological Center S.A.(Applus+ Certification) has composed a project assessment team in accordance with the appointment rules in the internal Quality Management System of LGAI Technological Center S.A. (Applus+ Certification).

The composition of audit team shall be approved by the LGAI Technological Center S.A. (Applus+ Certification) ensuring that the required skills are covered by the team.

The four qualification levels for team members that are assigned by formal appointment rules are as pr esented below:

- Lead Auditor (LA).
- Auditor (A) / Auditor in Training (AiT).
- Technical Expert (TE).
- Technical Reviewer (TR).

The sectoral scope / technical area knowledge linked to the applied methodology/ies shall be covered by the assessment team.

Name	Role	SS Coverage	TA Coverage	Financial aspect	Host country experience
Vivek Kumar Ahirwar	LA/TE	YES	YES	YES	YES
Simon Shen	TR	YES	YES	YES	NA

The complete list of CVs is included as Appendix 3 of this report.

Document review

The Joint VCS PD & MR submitted by the Client was reviewed against the approved methodology and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information. Furthermore, a cross-check between information provided and information from other sources has been done. A complete list of all documents and evidence material reviewed is included in this report below in appendix 1.

Follow-up interviews

A site visit is conducted by LGAI Technological Center S.A. (Applus+ Certification) who performed interviews, telephone conferences, and physical site inspection with project stakeholders to confirm selected information and to resolve issues identified in the document review. The detail is provided in this report in the below sections.

Resolution of Clarification and Corrective Action Request

The objective of this phase of the Joint validation and verification was to resolve the requests for corrective actions and clarification and any other outstanding issues which need to be clarified for LGAI Technological Center S.A. (Applus+ Certification) positive conclusion on the project design and Monitoring report. The Corrective Action Requests and Clarification Requests raised by LGAI Technological Center S.A. (Applus+ Certification) were resolved during communications between the Client and Applus+ Certifications to guarantee the transparency of the validation process, the concerns raised and responses given are summarized below in the appendix 2.

The Joint VCS PD & MR Version 02 submitted by project owners on 23/12/2019 serves as the basis for the final assessment presented. Additional changes to the project during the Joint validation and verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Internal quality control

As final step of a Joint validation and verification of the final documentation including the final Joint validation and verification report and the checklist have to undergo an internal quality control by the

technical review committee, i.e. each report has to be finally approved either by the head of the technical review committee or the deputy. In case one of these two persons is part of the assessment team approval can only be given by the other one to avoid any conflict of Interest.

After confirmation of the project owners the positive validation/verification opinion and relevant documents are submitted to the VCS secretariat through the VCS web-platform.

2.2 Document Review

The details of the document observed during the Joint validation and verification process are listed below in appendix 1 of this report.

2.3 Interviews

The site visit for the project activity was carried out from 18/12/2019 to 19/12/2019. No sampling procedures were adopted either in document verification and all the document were cross checked to ensure conservative estimation of emission reduction. Following below names of the persons interviewed (during onsite and telephonic interview later) for the site.

Sr. No.	Name of Persons	Role/Designation
1)	Mr. Barun Sharma	PP Representative
2)	Mr. Pankaj Rajpoot	PP Representative
3)	Mr. Bhaskar Dutta	PP Representative
4)	Mr. Prakash Kr. Sahu	PP Representative

The main topics covered during the interview are as follows:

- General Aspects of the project
- Project Implementation
- Equipment and operation
- Staff Training procedures
- Calibration procedures
- Monitoring & Measuring System
- Data collection, recording and archiving procedure
- QA/QC procedures
- VCS documentation
- Emission reduction calculations
- Input values, source documents of Additionality assessment

2.4 Site Inspections

Duration of on-site inspection:18/12/2019 to 19/12/2019				
No.	**Activity performed on-site**	**Site location**	**Date**	**Team member**
1.	Assessment team checked the implementation of the project, Baseline emission, Emission reduction calculation, technical description of the project and Monitoring.	Uttar Pradesh State,Gujarat State, New Delhi State ,Rajasthan State, India	18/12/2019 to 19/12/2019	Vivek Ahirwar

2.5 Resolution of Findings

The objective of this phase of the Joint validation and verification was to resolve the requests for corrective actions and clarification and any other outstanding issues which need to be clarified for LGAI Technological Center S.A. (Applus+ Certification)'s positive conclusion on the project design and Monitoring report. The Corrective Action Requests and Clarification Requests raised by LGAI Technological Center S.A. (Applus+ Certification) were resolved during communications between the Client and LGAI Technological Center S.A. (Applus+ Certification) to guarantee the transparency of the validation process, the concerns raised and responses given are summarized below in the appendix 2.

The final Joint VCS PD & MR Version 02submitted by project owners on 23/12/2019 serves as the basis for the final assessment presented. Additional changes to the project during the validation and verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Areas of validation and verification findings	No. of CL	No. of CAR	No. of FAR
Project design document and Monitoring report	00	01	00
Description of project activity	00	01	00
Application of selected baseline and monitoring methodology and selected standardized baseline			
- Applicability of methodology and standardized baseline	00	01	00
- Deviation from methodology	00	00	00
- Clarification on applicability of methodology, tool and/or standardized baseline	00	00	00
- Demonstration of additionality	00	01	00
- Emission reductions	00	01	00
- Monitoring plan	01	01	00
-Stakeholders consultation process	00	01	00
- Public comments	00	00	00
Others (please specify)-Matter related to double counting- **for validation**	00	00	00
Others (please specify)-Matter related to Emission reduction calculation- **for verification** ER achieved – Actual ER achieved calculations,	00	00	00

Total	01	Validation+ Verification: 7	00

The list of findings and their resolution is presented in appendix 2 of this report.

2.5.1 Forward Action Requests

No FAR was raised during this Joint validation and verification process. Please refer Appendix 2 for details.

3 VALIDATION FINDINGS

3.1 Project Details

The main goal of project activity is to implement renewable energy projects in the country and the significant importance of revenues from sale of Verified Carbon Units (VCUs) to achieve this goal forms the basis of the implementation of this project activity. The project activity is a voluntary action and each SPV will be the Project Proponent for their project activity. Azure Power India Pvt ltd as a parent company formed different SPV (Special Purpose Vehicles) for solar rooftop projects and projects are developed by name of SPVs. There are no mandatory laws or regulations existing in India requiring PP or any other party to develop a programme for renewable generation plants.

The project activity will support the development of new grid-connected/non grid connected rooftop Solar PV projects in India. All project activity instances within this grouped project activity will consist of solar PV technology The total AC capacity of the project activity is 84.65 MW and the power produced displaces an equivalent amount of power from the grid, which is fed mainly by fossil fuel fired power plants. Hence, it results in reduction of GHG emissions. The average annual GHG emission reductions from the project activity will be 140,874 tonnes of CO_2e and total GHG emission reductions for the chosen 10 year crediting period will be 1,408,740 tonnes of CO_2e.

During this monitoring period, the actual emission reductions to be achieved are 68,935 tCO_2e.

Details of the capacity & installation dates are mentioned in Section 1.4 above.

Project location

Assessment team during the validation site visit confirms via google map that the Solar power plant is located at a single region and the details are as follows:

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Thirty Eight Private Limited	2574.40	near sec 13 rohini delhi opposite vivekanda	Delhi	New Delhi

SPV Name	Plant Capacity (KW)	Site Address	District	State
		institute professional studies		
Azure Power Forty Four Private Limited	722.80	siroli road, Dhanoli, Uttar Pradesh	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	74.88	Gujarat	Bhavnagar	Gujarat
Azure Power Forty Four Private Limited	498.96	Ajmer Railway station, Ajmer	Ajmer	Rajasthan
Azure Power Forty Four Private Limited	215.14	DRM office	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	15.12	Ajmer	Ajmer	Rajasthan
Azure Sunlight private limited	30.00	Hotel Vanyavilas, Sawai madhopur	Sawai Madhopur	Rajasthan
Azure Sunlight private limited	30.40	Nariman	Nariman	Rajasthan
Azure Sunlight private limited	46.08	Rajvilas	Sawai Madhopur	Rajasthan
Azure Sunlight private limited	71.00	Hotel Vanyavilas, Sawai madhopur	Maidens	Rajasthan
Azure Sunlight private limited	89.77	43/146 Jessie Road, Bankra, Kolkata-700051	Kolkata	West Bengal
Azure Power Mercury private limited	29.45	Near Kalpana Square, BJB Nagar, Lewis Road, Bhubaneshwar, Odisha 751006	Khordha	Odisha
Azure Power Forty Four Private Limited	4.72	Idgah	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	10.08	DRM office	Agra	Uttar Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	19.84	Idgah Station	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	34.65	Mirzapur Railway Station	Mirzapur	Uttar Pradesh
Azure Power Forty Four Private Limited	5.04	DRM CANTEEN JHANSI	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	55.44	Near Railway Station, Jhansi	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	14.18	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	15.00	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	528.25	Rail Spring karkhana, Sithouli	Gwalior	Madhya Pradesh
Azure Power Forty Four Private Limited	94.64	Mathura railway station	UP	Uttar Pradesh
Azure Power Forty Four Private Limited	290.00	Mathura	Mathura	Uttar Pradesh
Azure Power Rooftop Three Private Limited	140.00	Ajmer road, Bhanrota village, Jaipur	Jaipur	Rajasthan
Azure Power Thirty Eight Private Limited	1691.00	A-3,Tyagi Vihar, Behind Police Colony, Nangloi, New Delhi -110041	DELHI	New Delhi
Azure Power Forty Four Private Limited	55.49	Jhansi	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	10.00	Chattarpur	Chattarpur	Madhya Pradesh
Azure Power Forty Four Private Limited	18.90	Khajuraho railway station	Khajuraho	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	14.80	Beawar railway station	Beawar	Rajasthan
Azure Power Mercury private limited	23.94	BJB Autonomous College, Kalpana Road, Infront of court, Bhubaneswar, Odisha-751014, India	Khordha	Odisha
Azure Power Mercury private limited	53.86	Near Government colony, Gajapati Nagar, Bhubaneswar, Odisha-751017	Khordha	Odisha
Azure Power Mercury private limited	187.11	Main Building and Admin Block of College of Engg & Technology(CET), Ghatikia Road, Kalinga Nagar, Bhubaneswar, Odisha-751003, India	Khordha	Odisha
Azure Power Mercury private limited	40.00	Office of Chief Engineer, Rural Works, AG Nagar, Unit-4, Madhusudan Nagar, Bhubaneswar, Odisha, India	Khordha	Odisha
Azure Power Mercury private limited	40.01	Shishu Bhavan Medicals New Building, Chandni Chowk, Cuttack, Odisha-753002, India	Cuttack	Odisha
Azure Power Mercury private limited	45.99	Eye Care Department SCB Medical College, Dock Road, Manglabag, Cuttack, Odisha-753007	Cuttack	Odisha
Azure Power Forty Four Private Limited	215.00	Kanpur	Kanpur	Uttar Pradesh
Azure Power Mercury private limited	28.35	The District Collector, Collectorater Building,	Cuttack	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
		Chandni Chowk, Cuttack, Odisha-753002, India		
Azure Power Mercury private limited	101.12	Shishu Bhavan Medicals New Building, Chandni Chowk, Cuttack, Odisha-753002, India	Cuttack	Odisha
Azure Power Forty Four Private Limited	90.00	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	39.69	Bikaner	Bikaner	Rajasthan
Azure Power Forty Four Private Limited	106.79	Sabarmati	Ahmedabad	Gujarat
Azure Power Forty Four Private Limited	200.32	Sabarmati	Ahmedabad	Gujarat
Azure Power Rooftop One Private Limited	75.00	Janpath Rd, Peeragarhi Village, HC Mathur Lane, New Delhi, Delhi 110001	New Delhi	New Delhi
Azure Power Forty Four Private Limited	576.00	Jodhpur	Jodhpur	Rajasthan
Azure Power Forty Four Private Limited	24.88	Bikaner	Bikaner	Rajasthan
Azure Power Forty Four Private Limited	34.65	Railway Station, Bikaner	Bikaner	Rajasthan
Azure Power Forty Four Private Limited	14.80	Bikaner	Bikaner	Rajasthan
Azure Power Forty Four Private Limited	5.04	Fathehpur	Fatehpur	Uttar Pradesh
Azure Power Forty Four Private Limited	9.00	Bindki Road	Fatehpur	Uttar Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	15.00	Rasulabad Railway Station	Fatehpur	Uttar Pradesh
Azure Power Forty Four Private Limited	200.00	REMCL1_Virar Carshed	Mumbai	Maharashtra
Azure Power Forty Four Private Limited	20.00	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	29.18	Kanpur	Kanpur	Uttar Pradesh
Azure power Saturn Private Limited	1056.24	Vinod Nagar Depot,Ram Kumar Gautam Marg, Block E, East Vinod Nagar, New Delhi, Delhi 110091	Vinod Nagar	New Delhi
Azure Power Thirty Eight Private Limited	1192.80	DJB Dwarka,Old Dharampura, Masudabad, Najafgarh, Delhi, 110043	DELHI	New Delhi
Azure Power Forty Four Private Limited	370.00	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	19.84	Dewas	Dewas	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	4.70	Bhopal	Bhopal	Madhya Pradesh
Azure Power Forty Four Private Limited	5.04	Bhopal	Bhopal	Madhya Pradesh
Azure Power Forty Four Private Limited	19.22	Bhopal	Bhopal	Madhya Pradesh
Azure Power Forty Four Private Limited	14.81	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	29.28	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	167.36	Manikpur	Manikpur	Uttar Pradesh
Azure Power Forty Four Private Limited	350.28	Tundla	Tundla	Uttar Pradesh
Azure Power Forty Four Private Limited	19.80	Allahabad	Allahabad	Uttar Pradesh
Azure Power Forty Four Private Limited	169.60	Agra Fort Railway Station	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	181.98	Aligarh	Aligarh	Uttar Pradesh
Azure Power Forty Four Private Limited	675.00	Allahabad	Allahabad	Uttar Pradesh
Azure Power Forty Four Private Limited	300.00	Ajmer	ajmer	Rajasthan
Azure Power Thirty Eight Private Limited	804.80	DJB Bawana WTP.Bawana Indurstial Area, Bawana, Delhi - 11003	New Delhi	New Delhi
Azure Power Mercury private limited	22.68	Boys hostel No.5 (Kripasandhu)OUAT, 298 Ekamra Rd, unit 6 Ganga	Khurda	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
		nagar Bhubaneswar, Odisha 751001		
Azure Power Mercury private limited	47.88	Main Building and Boys Hostel of Women Govt. Polytechnic Plot No.1 Chandershekharpur , Xavier Road Rail Vihar Bhubaneswar Odisha 751013	Khurda	Odisha
Azure Power Forty Four Private Limited	25.00	Bhavnagar	Bhavnagar	Gujarat
Azure Power Forty Four Private Limited	35.20	Bhavnagar	Bhavnagar	Gujarat
Azure Power Mercury private limited	152.46	Multi-storied Building at Odisha Power Transmission Corporation Limited (OPTCL) Janpath Bhubaneswar Odisha 751022	Khurda	Odisha
Azure Power Mercury private limited	15	Odisha Mining Corporation , Gopabandhu Marg, Unit 4 Keshari Nagar Bhubaneswar Odisha 751001	Khurda	Odisha
Azure Power Forty Four Private Limited	70.56	Jaipur	Jaipur	Rajasthan
Azure Power Mercury private limited	8.82	Department of Automobile, Mechanical department of BOSE, Professers Colony, Cuttack, Odisha 753007, India	Cuttack	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Mercury private limited	16.01	Engineering school of BOSE, Professers Colony, Cuttack, Odisha 753007	Cuttack	Odisha
Azure Power Mercury private limited	25.00	High school and boys hostel of BOSE, Professers Colony, Cuttack, Odisha 753007, India	Cuttack	Odisha
Azure Power Mercury private limited	46.94	Biju Patnayak Film And Television Institute of Odisha, Professers Colony, Cuttack, Odisha 753007, India	Cuttack	Odisha
Azure Power Mercury private limited	125.00	Capital Hospital Unit 6 Hospital Road Ganga Nagar Bhubaneswar Odisha 751020	Khurda	Himachal Pradesh
Azure Power Mercury private limited	10.00	Govt Girls High School - Unit 9 Bhoinagar Bhubaneswar Odisha 751022	Khurda	Odisha
Azure Power Mercury private limited	30.40	Govt. ITI College Near Governor house Unit 8 Bhubaneswar Odisha 751012	Khurda	Odisha
Azure Power Mercury private limited	56.70	Odisha Govt. Press & Printing, Directorate of Printing, Stationery and Publication, Khanna nagar, Industrial Estate Khapuria,Cuttack, Odisha-753002, India	Cuttack	Odisha
Azure Power Mercury private limited	197.51	Directorate of Printing Orissa Gov. press and	Cuttack	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
		printing unit, Khanna nagar, Industrial Estate Khapuria,Cuttack, Odisha-753002, India		
Azure Power Forty Four Private Limited	55.44	Agra Cantt Railway Station	agra	Uttar Pradesh
Azure Power Mercury private limited	50.00	Unit 8, Near Post Office, Surya Nagar, Bhubaneswar, Odisha 751003	Khurda	Odisha
Azure Power Forty Four Private Limited	98.28	Jaipur	Jaipur	Rajasthan
Azure Power Mercury private limited	10.00	Office of Engineer in Chief(Electricity)- cum Principal Chief Electrical Inspector, Odisha	Khurda	Odisha
Azure Power Forty Four Private Limited	50.00	Cheoki Junction	Allahabad	Uttar Pradesh
Azure Power Forty Four Private Limited	1205.76	Jhansi	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	10.71	Kanpur	Kanpur	Uttar Pradesh
Azure Power Forty Four Private Limited	165.00	Allahabad	Allahabad	Uttar Pradesh
Azure power Saturn Private Limited	10.08	29, Defence Colony Market, New Delhi, Delhi 110024	Delhi	New Delhi
Azure Power Forty Four Private Limited	50.40	Jaipur	Jaipur	Rajasthan
Azure Power Forty Four Private Limited	40.00	Vindhyachal	Mirzapur	Uttar Pradesh
Azure Power Forty Four Private Limited	10.08	Jaipur	Jaipur	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	10.08	Jaipur	Jaipur	Rajasthan
Azure Power Forty Four Private Limited	2600.00	Jhansi Workshop	Jhansi	Uttar Pradesh
Azure Power Forty Four Private Limited	24.96	Agra	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	440.00	Jodhpur	Jodhpur	Rajasthan
Azure Power Mercury private limited	9.45	Maharishi College Rd, Saheed Nagar, Bhubaneswar, Odisha 751007	KHORDHA	Odisha
Azure Power Mercury private limited	25.00	Heads of Departments Rd, Keshari Nagar, Bhubaneswar, Odisha 751001	KHORDHA	Odisha
Azure Power Mercury private limited	38.40	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	75.00	Bhubaneswar, Odisha 751001	KHORDHA	Odisha
Azure Power Mercury private limited	80.00	City Hospital Campus, Oriya Bazar Cuttack Odisha 753007	Cuttack	Odisha
Azure Power Mercury private limited	150.00	Dock Road Manglabag Cuttack Odisha 753007	Cuttack	Odisha
Azure Power Forty Four Private Limited	10.00	Railway Colony, Runija, Madhya Pradesh 456776	Ratlam	Madhya Pradesh
Azure Power Forty Four Private Limited	10.00	Bangrod, Simlawada Dist.-Ratlam, 457001	Ratlam	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Mercury private limited	16.00	Ghatikia Road, Kalinga Nagar, Bhubaneswar, Odisha 751003	CUTTACK	Odisha
Azure Power Mercury private limited	25.00	N1/154, Near Baramunda Fire Station, Baramunda 751003	KHORDHA	Odisha
Azure Power Mercury private limited	111.10	Bhubaneswar	KHORDHA	Odisha
Azure Power Mercury private limited	129.09	Bhubaneswar	KHORDHA	Odisha
Azure Power Mercury private limited	240.19	Ghatikia Road, Kalinga Nagar, Bhubaneswar, Odisha 751003	KHORDHA	Odisha
Azure Power Mercury private limited	15.00	SLDC Mancheswar Railway Station Road Chandershekharpur Bhubaneswar Odisha 751017	Khurda	Odisha
Azure Power Forty Four Private Limited	50.40	Jaipur	Jaipur	Rajasthan
Azure Power Forty Four Private Limited	15.00	Pratap Nagar, Chittorgarh, Rajasthan 312001	Chittorgarh	Rajasthan
Azure Power Forty Four Private Limited	35.00	Pratap Nagar, Chittorgarh, Rajasthan 312001	Chittorgarh	Rajasthan
Azure Power Forty Four Private Limited	125.00	Ahemdabad	Ahemdabad	Gujarat
Azure Power Forty Four Private Limited	50.40	Ajmer	Ajmer	Rajasthan
Azure Power Forty Four Private Limited	500.00	Jaipur	Jaipur	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	199.68	Mumbai	Mumbai	Maharashtra
Azure Power Rooftop Four Private Limited	110.00	Mumbai	Mumbai	Maharashtra
Azure Power Rooftop Four Private Limited	250.00	Chennai	Chennai	Tamil Nadu
Azure Power Rooftop One Private Limited	25.35	Sangrur	Sangrur	Punjab
Azure Power Rooftop One Private Limited	100.00	Gurdaspur	Gurdaspur	Punjab
Azure Power Rooftop One Private Limited	1480.05	Guru Nanak Dev University, Grand Trunk Road, Off NHI, Amritsar, Punjab 143001	Amritsar	Punjab
Azure Power Rooftop One Private Limited	30.23	Raipur	Raipur	Chhattisgarh
Azure Power Rooftop One Private Limited	60.12	Raipur	Raipur	Chhattisgarh
Azure Power Rooftop One Private Limited	1020.18	Rourkela	Rourkela	Odisha
Azure Power Rooftop One Private Limited	30.23	Bilaspur	Bilaspur	Chhattisgarh
Azure Power Rooftop One Private Limited	50.05	Raigarh	Raigarh	Chhattisgarh
Azure Power Rooftop One Private Limited	50.32	Bhubaneshwar	Sahidnagar	Odisha
Azure Power Rooftop One Private Limited	50.32	BSNL Doorsanchar Bhawan Bhubaneswar	Khurda	Odisha
Azure Power Rooftop Four Private Limited	80.00	Mumbai	Mumbai	Maharashtra

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	15.28	Community Center, Sector 38,W	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	15.28	Community Center Sector 42,B	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	20.15	Community Center, Sector-18, C	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	20.15	Community Center, Sector 19, B	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	24.70	Community Center, Sector 22, B	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	25.03	T.E. Bldg. Manimajra, Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	29.90	Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	34.78	Community Center, Sector 48, C	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	44.85	TE 17, Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	55.25	Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	75.08	Survey of India Sec-32A ,Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	79.95	Community Center, Sector 49, C	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	104.98	CGMT Admn, Chandigarh	Chandigarh	Chandigarh
Azure Power Rooftop One Private Limited	140.08	Chandigarh	Chandigarh	Chandigarh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	19.50	Director General Of Prisons, Punchkula Haryana	Punchkula	Haryana
Azure Power Rooftop One Private Limited	25.00	Karnal	Karnal	Haryana
Azure Power Rooftop One Private Limited	25.03	Hisar	Hisar	Haryana
Azure Power Rooftop One Private Limited	25.03	Faridabad	Faridabad	Haryana
Azure Power Rooftop One Private Limited	25.03	Jind	Jind	Haryana
Azure Power Rooftop One Private Limited	25.13	Karnal	Karnal	Haryana
Azure Power Rooftop One Private Limited	30.00	Gurgaon	Gurgaon	Haryana
Azure Power Rooftop One Private Limited	30.23	Bahadurgarh	Bahadurgarh	Haryana
Azure Power Rooftop One Private Limited	35.10	Kurukhsetra	Kurukhsetra	Haryana
Azure Power Rooftop One Private Limited	55.25	Ambala Cantt	Ambala Cantt	Haryana
Azure Power Rooftop One Private Limited	60.13	Ambala Cantt	Ambala Cantt	Haryana
Azure Power Rooftop One Private Limited	60.13	Bhiwani	Bhiwani	Haryana
Azure Power Rooftop One Private Limited	65.33	Jind	Jind	Haryana
Azure Power Rooftop One Private Limited	65.33	District Jail Kurushetra	Kurushetra	Haryana

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	90.35	District Jail Sonipat	Sonipat	Haryana
Azure Power Rooftop One Private Limited	104.00	Central Jail Ambala	Ambala	Haryana
Azure Power Rooftop One Private Limited	110.00	Murthal	Murthal	Haryana
Azure Power Rooftop One Private Limited	120.25	District Jail Narnaul	Narnaul	Haryana
Azure Power Rooftop One Private Limited	139.43	Jail Kaithal	Kaithal	Haryana
Azure Power Rooftop One Private Limited	160.00	Mahendergarh	Mahendergarh	Haryana
Azure Power Rooftop One Private Limited	399.75	Rohtak	Rohtak	Haryana
Azure Power Rooftop One Private Limited	400.00	Yamuna nagar	Yamuna nagar	Haryana
Azure Power Rooftop One Private Limited	400.40	Panipat	Panipat	Haryana
Azure Power Rooftop One Private Limited	600.00	Gurgaon	Gurgaon	Haryana
Azure Power Rooftop One Private Limited	698.10	Central Jail Karnal	Karnal	Haryana
Azure Power Rooftop One Private Limited	1000.03	Manesar	Manesar	Haryana
Azure Power Rooftop One Private Limited	20.15	Amritsar	Amritsar	Punjab
Azure Power Rooftop One Private Limited	25.05	Pathankot	Pathankot	Punjab
Azure Power Rooftop One Private Limited	29.90	Central Jail Gurdaspur	Gurdaspur	Punjab

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	35.10	TE Samadhi Road Khanna, Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	40.30	Ferozpur	Ferozpur	Punjab
Azure Power Rooftop One Private Limited	44.85	Sangrur	Sangrur	Punjab
Azure Power Rooftop One Private Limited	45.18	Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	50.05	Raman	Raman	Punjab
Azure Power Rooftop One Private Limited	50.05	Ferozpur	Ferozpur	Punjab
Azure Power Rooftop One Private Limited	50.05	Jail Barnala	Barnala	Punjab
Azure Power Rooftop One Private Limited	50.05	Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	54.93	jail Hoshiarpur	Hoshiarpur	Punjab
Azure Power Rooftop One Private Limited	55.00	Bhiki	Bhiki	Punjab
Azure Power Rooftop One Private Limited	65.00	Dist jail Roop nagar	Roopnagar	Punjab
Azure Power Rooftop One Private Limited	65.00	GST Building, Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	65.00	Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	90.03	Jalandhar	Jalandhar	Punjab
Azure Power Rooftop One Private Limited	95.23	Sathiala	Sathiala	Punjab

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	115.00	Kotkapura	Kotkapura	Punjab
Azure Power Rooftop One Private Limited	124.48	Dist jail Sangrur	Sangrur	Punjab
Azure Power Rooftop One Private Limited	125.13	Dist jail Mansa	Mansa	Punjab
Azure Power Rooftop One Private Limited	130.00	Dist jail Nabha	Nabha	Punjab
Azure Power Rooftop One Private Limited	147.23	Rajpura, Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	149.83	Ferozpur	Ferozpur	Punjab
Azure Power Rooftop One Private Limited	175.00	Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	180.00	Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	185.25	Mansa	Mansa	Punjab
Azure Power Rooftop One Private Limited	260.00	Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	470.28	Central Jail Btd	Bathinda	Punjab
Azure Power Rooftop One Private Limited	475.15	Amritsar	Amritsar	Punjab
Azure Power Rooftop One Private Limited	500.00	Kapurthala	Kapurthala	Punjab
Azure Power Rooftop One Private Limited	500.00	Abohar	Abohar	Punjab
Azure Power Rooftop One Private Limited	500.00	Hoshiarpur	Hoshiarpur	Punjab

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	540.15	Dist Jail Muktsar	Muktsar	Punjab
Azure Power Rooftop One Private Limited	998.08	Jalandhar	Jalandhar	Punjab
Azure Power Rooftop One Private Limited	1000.03	Central Jail Fkt	Faridkot	Punjab
Azure Power Rooftop One Private Limited	1000.03	Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	1000.03	Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	1000.68	Giani Zail Singh Campus College of Eng. & Tech., Bathinda Punjab	Bathinda	Punjab
Azure Power Rooftop One Private Limited	1105.65	Ludhiana	Ludhiana	Punjab
Azure Power Rooftop One Private Limited	1105.65	Ludhiana	Ludhiana	Punjab
Azure Power Forty Four Private Limited	95.00	Vasai	Vasai	Maharashtra
Azure Power Forty Four Private Limited	24.96	Agra	Agra	Uttar Pradesh
Azure Power Forty Four Private Limited	14.18	Rajasthan	Rajasthan	Rajasthan
Azure Power Thirty Eight Private Limited	628.18	Wazirabad Rd, Jagat Puri, Sonia Vihar, New Delhi, Delhi 110094	New Delhi	New Delhi
Azure Power Rooftop Four Private Limited	20.15	Mumbai	Mumbai	Maharashtra
Azure Power Rooftop Four Private Limited	200.00	Chennai	Chennai	Tamil Nadu

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop Four Private Limited	325.05	Trichlapally	Trichlapally	Tamil Nadu
Azure Power Forty Four Private Limited	300.00	Mumbai	Mumbai	Maharashtra
Azure Power Forty Four Private Limited	14.30	Pali	Pali	Rajasthan
Azure Power Forty Four Private Limited	24.89	Pali	Rajasthan	Rajasthan
Azure Power Forty Four Private Limited	83.00	Sri Ganga Nagar	Rajasthan	Rajasthan
Azure Power Rooftop Four Private Limited	54.92	kalwa	Mumbai	Maharashtra
Azure Power Forty Four Private Limited	115.00	Mumbai	Mumbai	Maharashtra
Azure Power Forty Four Private Limited	40.00	Main Rd, Malyan, Dahanu, Maharashtra 401602	Mumbai	Maharashtra
Azure Power Rooftop Four Private Limited	124.78	Nagpur	Nagpur	Maharashtra
Azure Power Rooftop Four Private Limited	100.10	Tamil Nadu	Tamil Nadu	Tamil Nadu
Azure power Rooftop one Private Limited	60.13	New Delhi	New Delhi	New Delhi
Azure power Rooftop one Private Limited	300.00	Lucknow	Lucknow	Uttar Pradesh
Azure power Rooftop one Private Limited	45.50	Allahabad	Lucknow	Uttar Pradesh
Azure Power Rooftop Four Private Limited	100.00	Madurai	Madurai	Tamil Nadu
Azure Power Forty Four Private Limited	94.80	Rajasthan	Rajasthan	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure power Rooftop one Private Limited	105.30	Jaipur	Jaipur	Rajasthan
Azure power Rooftop one Private Limited	55.25	Jaipur	Jaipur	Rajasthan
Azure Power Rooftop Four Private Limited	298.00	Raipur	Raipur	Chhattisgarh
Azure Power Rooftop Four Private Limited	100.10	Salem	Salem	Tamil Nadu
Azure power Rooftop one Private Limited	50.05	Lucknow	Lucknow	Uttar Pradesh
Azure Power Forty Four Private Limited	75.00	Ajmer	Ajmer	Rajasthan
Azure Power Rooftop One Private Limited	2840.00	Yamuna Expressway, Greater Noida Gautam Budh Nagar Uttar Pradesh (India) - 201308	NOIDA	Uttar Pradesh
Azure Power Thirty Eight Private Limited	1816.32	Najafgarh Rd, Block D, Block 2C, Nangloi, New Delhi, Delhi 110041	New Delhi	New Delhi
Azure Power Forty Four Private Limited	40.00	Shikohabad	Shikohabad	Uttar Pradesh
Azure power Rooftop one Private Limited	75.08	New Delhi	New Delhi	New Delhi
Azure power Rooftop one Private Limited	40.30	New Delhi	New Delhi	New Delhi
Azure Power Forty Four Private Limited	180.00	Civil Lines Bus Stand, Mahatma Gandhi Marg, Madhopur, Prayagraj, Uttar Pradesh 211001	Allahabad	Uttar Pradesh
Azure Power Forty Four Private Limited	19.84	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	35.28	Gwalior	Gwalior	Madhya Pradesh
Azure Power Rooftop Four Private Limited	125.05	Tiruchapalli	Tiruchapall	Tamil Nadu
Azure Power Rooftop Four Private Limited	125.05	Tiruchapalli	Tiruchapall	Tamil Nadu
Azure Power Forty Four Private Limited	10.08	Madhya Pradesh	Madhya Pradesh	Madhya Pradesh
Azure Power Forty Four Private Limited	24.96	Dabra	Gwalior	Madhya Pradesh
Azure power Rooftop one Private Limited	25.03	Gorakhpur	Gorakhpur	Uttar Pradesh
Azure Power Rooftop One Private Limited	30.23	Bilaspur	Bilaspur	Chhattisgarh
Azure Power Forty Four Private Limited	15.00	jaipur	jaipur	Rajasthan
Azure Power Mercury private limited	16.04	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	18.24	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	51.20	Cuttack	Cuttack	Odisha
Azure power Rooftop one Private Limited	40.30	Jaipur	Rajasthan	Rajasthan
Azure power Rooftop one Private Limited	45.18	Udaipur	Udaipur	Rajasthan
Azure Power Mercury private limited	10.24	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	76.16	Cuttack	Cuttack	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Mercury private limited	24.32	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	15.00	Revenue Divisional Commissioner chandani chowk cuttack odisha 753002	Cuttack	Odisha
Azure Power Mercury private limited	23.04	Old Hostel Sailabala Women's college Biji Patnaik Coloney Cuttack Odisha 753001	Cuttack	Odisha
Azure Power Forty Four Pvt Ltd	40.30	Jaipur	Jaipur	Rajasthan
Azure power Rooftop one Private Limited	45.17	Udaipur	Udaipur	Rajasthan
Azure power Rooftop one Private Limited	20.15	Jaipur	Jaipur	Rajasthan
Azure Power Mercury private limited	15.36	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	15.00	Directorate of technical Education and Training Buxi bazar killa Maidan Cuttack Odisha 753001	Cuttack	Odisha
Azure power Rooftop one Private Limited	65.00	Thiruvananthapuram	Kerala	Kerala
Azure Power Mercury private limited	11.52	Govt. Ayurvedic Hospital Nagaswartangi old town Bhubaneswar Odisha 751014	Khurda	Odisha
Azure power Rooftop one Private Limited	40.00	Deoria, U.P.	Deoria	Uttar Pradesh
Azure power Rooftop one Private Limited	45.18	New Delhi	New Delhi	New Delhi

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Thirty Eight Private Limited	61.10	DJB Booster Pump Station ,Block –Y Mangolpur Khurd , Mangolpur City -110083	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	70.20	DDA Park Booster Pump Station Blk-D Sector -7 Rohini city Delhi 110086, near Sec 7 district park.	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	142.02	Command Tank no 4 Sec - 20 Dwarka on DabriGurgaon Road Delhi-110075	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	232.05	Karala Booster Pumping Station , Shaheed Bhagat Singh Nagar , Village Karala-110081	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	456.63	DDA CENTRAL NURSERY COMMAND TANK - 3 ,Dwarka SEC-3, Matiala NEW DELHI 110078	New Delhi	New Delhi
Azure power Rooftop one Private Limited	25.03	Gorakhpur	Gorakhpur	Uttar Pradesh
Azure power Rooftop one Private Limited	35.10	Bharuch	Bharuch	Gujarat
Azure power Rooftop one Private Limited	50.05	Uttar Pradesh	Uttar Pradesh	Uttar Pradesh
Azure Power Rooftop Four Private Limited	100.10	Salem	Salem	Tamil Nadu
Azure Power Rooftop Four Private Limited	25.00	Salem	Salem	Tamil Nadu
Azure Power Forty Four Private Limited	10.00	Panth Pipalia, Madhya Pradesh 458664	Mandsaur	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	50.05	Jalandhar	Jalandhar	Punjab
Azure Power Rooftop One Private Limited	30.00	Nawanshahar, Jalandhar	Jalandhar	Punjab
Azure Power Rooftop Four Private Limited	100.10	Madurai	Madurai	Tamil Nadu
Azure Power Rooftop Four Private Limited	350.00	Chennai	Chennai	Tamil Nadu
Azure Power Rooftop Four Private Limited	55.00	Tamil Nadu	Tamil Nadu	Tamil Nadu
Azure Power Thirty Eight Private Limited	171.60	Delhi	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	172.50	Delhi	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	179.40	Delhi	Delhi	New Delhi
Azure Power Rooftop One Private Limited	59.80	Patiala	Patiala	Punjab
Azure Power Rooftop One Private Limited	595.40	District jail Faridabad	Faridabad	Haryana
Azure Power Rooftop Four Private Limited	130.00	Nagpur	Nagpur	Chhattisgarh
Azure Power Forty Four Private Limited	5.04	Nagda	Nagda	Madhya Pradesh
Azure Power Rooftop One Private Limited	29.90	Patiala	Patiala	Punjab
Azure Power Rooftop Four Private Limited	129.88	Rajnandgaon	Rajnandgaon	Chhattisgarh
Azure Power Forty Four Private Limited	162.24	Rajkot	Rajkot	Gujarat

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop Four Private Limited	51.00	Shoranur	Shoranur	Kerala
Azure Power Forty Four Private Limited	9.90	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	9.90	Gautampura	Gautampura	Madhya Pradesh
Azure Power Forty Four Private Limited	9.92	Maksi	Maksi	Madhya Pradesh
Azure Power Forty Four Private Limited	15.00	Jaora	Jaora	Madhya Pradesh
Azure Power Forty Four Private Limited	25.00	Indore	Indore	Madhya Pradesh
Azure Power Forty Four Private Limited	25.00	Barnagar	Barnagar	Madhya Pradesh
Azure Power Forty Four Private Limited	225.20	Nagda	Nagda	Madhya Pradesh
Azure Power Forty Four Private Limited	234.60	Indore	Indore	Madhya Pradesh
Azure Power Rooftop Four Private Limited	169.00	Chhindwara	Chhindwara	Madhya Pradesh
Azure Power Forty Four Private Limited	40.00	Naigaon	Naigaon	Maharashtra
Azure Power Forty Four Private Limited	40.00	Dahanu	Dahanu	Maharashtra
Azure Power Rooftop Four Private Limited	269.10	gondia	gondia	Maharashtra
Azure Power Rooftop Four Private Limited	39.70	Nagpur	Nagpur	Maharashtra
Azure Power Forty Four Private Limited	14.81	Rajkot	Rajkot	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	18.90	Rajkot	Rajkot	Rajasthan
Azure Power Forty Four Private Limited	30.00	Chittorgarh	Chittorgarh	Rajasthan
Azure Power Forty Four Private Limited	50.40	Rewari	Rewari	Rajasthan
Azure Power Forty Four Private Limited	200.00	Shambhupura	Shambhupura	Rajasthan
Azure Power Forty Four Private Limited	9.90	Fatehabad	Fatehabad	Uttar Pradesh
Azure Power Genco Private Limited	20.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	35.10	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	40.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	45.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	998.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	20.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Genco Private Limited	20.00	Mughalsarai	Mughalsarai	Uttar Pradesh
Azure Power Forty Four Private Limited	40.00	Mandsaur	Mandsaur	Madhya Pradesh
Azure Power Forty Four Private Limited	49.92	Neemach	Neemach	Madhya Pradesh
Azure Power Forty Four Private Limited	12.50	Nimbahera	Nimbahera	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Forty Four Private Limited	10.00	Shujalpur	Shujalpur	Madhya Pradesh
Azure Power Forty Four Private Limited	4.41	Sehore	Sehore	Madhya Pradesh
Azure Power Thirty Eight Private Limited	293.48	Delhi	Delhi	New Delhi
Azure Power Forty Four Private Limited	17.96	Chittaurgarh	Chittaurgarh	Rajasthan
Azure Power Mercury private limited	60.80	Bhubaneswar	Khordha	Odisha
Azure Power Mercury private limited	270.27	Cuttack	Cuttack	Odisha
Azure Power Rooftop One Private Limited	149.83	Rajpura, Patiala	Patiala	Punjab
Solar Power Rooftop Three Pvt. Ltd	6000.00	o	Sunabeda	Odisha
Azure Power Rooftop Four Private Limited	50.00	Pallakad	Pallakad	Kerala
Azure Power Thirty Eight Private Limited	41.60	Delhi	Delhi	New Delhi
Azure Sunlight private limited	79.04	Chennai	Chennai	Tamil Nadu
Azure Power Rooftop Four Private Limited	100.00	Pallakad	Pallakad	Kerala
Azure Power Mercury private limited	10.88	Bhoinagar	Bhoinagar	Odisha
Azure Power Mercury private limited	11.97	Bhoinagar	Bhoinagar	Odisha
Azure Power Mercury private limited	23.94	Bhoinagar	Bhoinagar	Odisha

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Mercury private limited	29.93	Bhoinagar	Bhoinagar	Odisha
Azure Power Mercury private limited	25.20	Bhoinagar	KHORDHA	Odisha
Azure Power Thirty Eight Private Limited	116.67	Delhi	Delhi	New Delhi
Azure Power Forty Four Private Limited	49.92	Etawah Junction	Etawah	Uttar Pradesh
Azure Power Rooftop One Private Limited	15.00	Chhattisgarh	Urla	Chhattisgarh
Azure Power Forty Four Private Limited	177.60	Vadodara, GJ	Vadodara	Gujarat
Azure Power Rooftop Four Private Limited	50.00	Pallakad	Pallakad	Kerala
Azure Power Mercury private limited	58.24	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	54.72	Bhubaneswar	Khordha	Odisha
Azure Power Forty Four Private Limited	60.48	Pratapnagar, Vadodara, GJ	Vadodara	Gujarat
Azure Power Forty Four Private Limited	98.28	Pratapnagar, Vadodara, GJ	Vadodara	Gujarat
Azure Power Forty Four Private Limited	20.16	NAIR-Pratapnagar, Vadodara, GJ	Vadodara	Gujarat
Azure Power Forty Four Private Limited	78.90	NAIR-Pratapnagar, Vadodara, GJ	Vadodara	Gujarat
Azure Power Rooftop Four Private Limited	50.70	Pallakad	Pallakad	Kerala
Azure Power Forty Four Private Limited	8.82	Ratlam Division,Shujalpur SJP TRD Office	Shujalpur	Madhya Pradesh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Mercury private limited	10.00	Ximb Road, Chandrasekharpur, Bhubaneswar, Odisha 751013	KHORDHA	Odisha
Azure Power Mercury private limited	10.88	Bhubaneswar	Khordha	Odisha
Azure Power Mercury private limited	10.88	Bhubaneswar	Khordha	Odisha
Azure Power Mercury private limited	21.76	Bhubaneswar	Khordha	Odisha
Azure Power Mercury private limited	30.00	Bhubaneswar	Khordha	Odisha
Azure Power Forty Four Private Limited	35.10	Bilaspur	Bilaspur	Chhattisgarh
Azure power Saturn Private Limited	784.00	Sector 9, Bahadurgarh, Haryana 124507	Jhajjar	New Delhi
Azure power Rooftop one Private Limited	35.10	Jodhpur	Jodhpur	Rajasthan
Azure Power Genco Private Limited	20.15	Danapur	Danapur	Bihar
Azure Power Genco Private Limited	30.23	Danapur	Danapur	Bihar
Azure Power Genco Private Limited	60.45	Danapur	Danapur	Bihar
Azure Power Genco Private Limited	75.08	Danapur	Danapur	Bihar
Azure Power Genco Private Limited	145.60	Danapur	Danapur	Bihar
Azure Power Genco Private Limited	420.23	Danapur	Danapur	Bihar

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Genco Private Limited	29.90	Samastipur	Samastipur	Bihar
Azure Power Genco Private Limited	69.88	Samastipur	Samastipur	Bihar
Azure Power Genco Private Limited	100.10	Samastipur	Samastipur	Bihar
Azure Power Genco Private Limited	110.18	Samastipur	Samastipur	Bihar
Azure Power Genco Private Limited	125.13	Samastipur	Samastipur	Bihar
Azure Power Rooftop Four Private Limited	25.16	Raipur	Raipur	Chhattisgarh
Azure power Saturn Private Limited	1500.00	Jasola Vihar, New Delhi, Delhi	Delhi	New Delhi
Azure Power Genco Private Limited	80.85	Chhattisgarh	Chhattisgarh	Chhattisgarh
Azure Power Thirty Eight Private Limited	25.00	Sarai Pipal thala village, Azadpur Mandi,Delhi-110088	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	76.05	DJB, Zonal Revenue Office, Burari	Delhi	New Delhi
Azure Power Genco Private Limited	75.24	Chhattisgarh	Chhattisgarh	Chhattisgarh
Azure Power Rooftop Four Pvt Ltd.	50.00	Tamil Nadu	Salem	Tamil Nadu
Azure Power Rooftop One Private Limited	515.13	Prayagraj	NA	Uttar Pradesh
Azure Power Genco Private Limited	70.08	Kurud Distt. Dhamtari Chhattisgarh	Kurud	Chhattisgarh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Genco Private Limited	60.13	Chara, Hebri Distt. Udupi Karnataka	Hebri	Karnataka
Azure Power Genco Private Limited	211.58	Gaya	Gaya	Bihar
Azure Power Rooftop Four Private Limited	50.00	Good's Shed Road, PJN 1st Cross Line, Arakkonam, Tamil Nadu 631001	Chennai	Tamil Nadu
Azure Power Thirty Eight Private Limited	25.00	Pocket-2, Mayur Vihar Phase-1,Delhi-110091	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	15.60	Block-C,Maharaja Surajmal Marg,Vishwas Nagar Extention, Surajmal Vihar, Delhi-110092	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	25.00	Opp. Apollo Hospital Mathura Road New Delhi Jasola Vihar Delhi 110044	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	40.00	327, Pragati Marg, Block D, New Kondli,New Delhi-110096	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	100.00	DJB Sewage Pumping Station,Maharaja Surajmal Marg,Arjun Gali, karkardooma,Anand Vihar, Delhi- 110092	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	17.55	L-109, Sarita Vihar, Sarita Vihar, Pocket J, Sarita Vihar, New Delhi, Delhi 110076	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	43.25	Noida Road, D Block, Vasundhara Enclave, New Delhi-110096	New Delhi	New Delhi

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop Four Private Limited	40.63	Bilaspur	Bilaspur	Chhattisgarh
Azure Power Thirty Eight Private Limited	10.00	Mubarakpur Main Road, Pervesh Nagar, Mubarakpur Dabas, Delhi - 110086	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	220.00	Nithari RD, Niti Vihar Sultanpur Delhi 110081	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	40.00	rohini sec 11 boster pumping station DJB,Rammurti passi marg , rohini, new delhi-110085	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	75.00	DJB Irrdat Nagar, Near kabutar garden, Delhi-110082	Delhi	New Delhi
Azure Power Rooftop Four Private Limited	50.00	Dharapadavedu, Katpadi, Vellore, Tamil Nadu 632007	Vellore	Tamil Nadu
Azure Power Rooftop Four Private Limited	50.00	East Tambaram, Tambaram, Chennai, Tamil Nadu 600045 Parking: A	Chennai	Tamil Nadu
Azure Power Rooftop One Private Limited	195.84	Quarantine & Storage, Faridabad	Faridabad	Haryana
Azure Power Thirty Eight Private Limited	50.00	DJB,Palam Village, Palam Colony, New Delhi, Delhi	Delhi	New Delhi
Azure Power Rooftop One Private Limited	617.35	Patiala	Patiala	Punjab
Azure Power Thirty Eight Private Limited	50.00	Block B, Greater Kailash I, Greater Kailash, New Delhi, Delhi 110048	Delhi	New Delhi

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Thirty Eight Private Limited	81.25	Block A, Greater Kailash I, Greater Kailash, New Delhi, Delhi 110048	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	143.65	Block B, Greater Kailash I, Greater Kailash, New Delhi, Delhi 110048	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	35.00	Keshav puran,tri nagar,Near badri Kedar mandir Delhi-110034	Delhi	New Delhi
Azure Power Rooftop One Private Limited	355.00	Jhajjar	Jhajjar	Haryana
Azure Power Rooftop One Private Limited	15.28	Manendragarh	Manendragarh	Chhattisgarh
Azure Power Rooftop One Private Limited	19.50	Bhilai	Bhilai	Chhattisgarh
Azure Power Rooftop One Private Limited	30.23	Ambikapur	Ambikapur	Chhattisgarh
Azure Power Rooftop One Private Limited	30.23	Durg	Durg	Chhattisgarh
Azure Power Rooftop Four Private Limited	59.84	Thiruvananthapuram	Thiruvananthapuram	Kerala
Azure Power Rooftop Four Private Limited	250.29	Thiruvananthapuram	Thiruvananthapuram	Kerala
Azure Power Rooftop Four Pvt Ltd.	50.00	Salem	Salem	Tamil Nadu
Azure Power Rooftop One Private Limited	15.28	Bhilai	Bhilai	Chhattisgarh
Azure Power Rooftop One Private Limited	40.30	Rajnandgaon	Raipur	Chhattisgarh

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	265.00	Bhubaneswar	Bhubaneshwar	Odisha
Azure Power Rooftop One Private Limited	114.73	Barrackpore	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	1500.85	Eastern Railway, Liluah	Liluah	West Bengal
Azure Power Rooftop One Private Limited	2965.60	Howrah Railway Station	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	30.23	Raipur	Raipur	Chhattisgarh
Azure Power Genco Private Limited	108.34	Karap, Budeli Distt. Kanker Chhattisgarh-494335	Budeli	Chhattisgarh
Azure Power Rooftop One Private Limited	25.35	Kollam	Kollam	Kerala
Azure Power Rooftop One Private Limited	30.23	Kodangallur	Kodangallur	Kerala
Azure Power Rooftop One Private Limited	30.23	Kottayam	Kottayam	Kerala
Azure Power Rooftop One Private Limited	30.55	Kerala	Kerala	Kerala
Azure Power Rooftop One Private Limited	30.55	Thiruvalla	Thiruvalla	Kerala
Azure Power Rooftop One Private Limited	35.43	Kottayam	Kottayam	Kerala
Azure Power Rooftop One Private Limited	35.75	Vellayatamblam, Kollam	Kollam	Kerala
Azure Power Rooftop One Private Limited	40.63	Kerala	Kerala	Kerala
Azure Power Rooftop One Private Limited	40.63	Calicut	Calicut	Kerala

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	40.63	Kerala	Kerala	Kerala
Azure Power Rooftop One Private Limited	40.63	Alleppey, Kerala	Alleppey	Kerala
Azure Power Rooftop One Private Limited	40.80	Kannur	Kannur	Kerala
Azure Power Rooftop One Private Limited	45.18	Kerala	Kerala	Kerala
Azure Power Rooftop One Private Limited	45.50	Trivandrum	Trivandrum	Kerala
Azure Power Rooftop One Private Limited	55.25	Thrissur	Thrissur	Kerala
Azure Power Rooftop One Private Limited	60.13	Kerala	Kerala	Kerala
Azure Power Rooftop One Private Limited	65.00	Trivandrum	Trivandrum	Kerala
Azure Power Rooftop One Private Limited	125.13	Sreekarivam,Kerala	Kerala	Kerala
Azure Sunlight private limited	70.96	Bhubaneshwar	Bhubaneshwar	Odisha
Azure Power Rooftop One Private Limited	25.02	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	30.00	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	30.22	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	30.22	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	35.00	Kolkata	Kolkata	West Bengal

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Rooftop One Private Limited	35.00	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	40.30	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	40.30	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	40.30	BSNL Uttarpara TE, GM West Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	40.30	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	40.95	Birla Industrial & Technical Museum, 19A, Gurusaday Road, Kolkata, West Bengal- 700019	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	50.38	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	65.00	Science City, J.B.S Haldane Avenue Kolkata, West Bengal 700046	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	70.00	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	90.00	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	191.42	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	355.23	Kolkata	Kolkata	West Bengal
Azure Power Rooftop One Private Limited	630.18	Salboni	Salboni	West Bengal

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Thirty Eight Private Limited	92.63	Ujwa, New Delhi, 110073	Delhi	New Delhi
Azure Power Rooftop One Private Limited	40.30	Hisar	Hisar	Haryana
Azure Power Rooftop One Private Limited	110.00	Sirsa	Sirsa	Haryana
Azure Power Rooftop One Private Limited	40.00	Hisar	Hisar	Haryana
Azure Power Rooftop One Private Limited	150.00	Cabinet Secretariat, New Delhi	New Delhi	New Delhi
Azure Power Thirty Eight Private Limited	23.40	Delhi Jal Board, Daulatpur, Delhi, 110043	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	110.18	double tank, Uttari Pitampura, Pitam Pura, Delhi, 110034	Delhi	New Delhi
Azure Power Thirty Eight Private Limited	125.00	DJB, Kirti Nagar, 110015	Delhi	New Delhi
Azure Power Rooftop One Private Limited	151.29	B-4 Shaheed Jeet Singh Marg Katwaria Sarai, Qutab Institutional Area, New Delhi, Delhi 110016	New Delhi	New Delhi
Azure Power Rooftop Four Private Limited	100.00	Chetty Thottam, Royapuram, Chennai, Tamil Nadu 600001	Chennai	Tamil Nadu
Azure Power Rooftop Four Private Limited	50.00	Hotel Street, Jolarpet, Tamil Nadu 635851	Chennai	Tamil Nadu
Azure power Rooftop one Private Limited	45.18	Alwar	Alwar	Rajasthan
Azure power Rooftop one Private Limited	210.28	Ajmer	Ajmer	Rajasthan

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure power Rooftop one Private Limited	25.03	jodhpur	jodhpur	Rajasthan
Azure power Rooftop one Private Limited	100.10	jaipur	jaipur	Rajasthan
Azure power Rooftop one Private Limited	210.28	Ajmer	Ajmer	Rajasthan

Project Technology Details –

The project activity involves the installation of rooftop Solar projects. The project activity involves installation of combined capacity of 84.65 MW Solar power projects in the multiple location of India states.

Assessment team checked onsite and confirms that the details of the project proponent are as below:

Organization name	Azure Power India Pvt ltd
Contact person	Mr. Sunil Hansu
Title	Operations & Maintenance
Address	3rdFloor, Asset 301-304 and 307, World Mark 3, Aerocity, New Delhi, 110037.
Telephone	+91-8383084423
Email	Sunil.hansu@azurepower.com

Assessment team checked onsite and confirms that the details of the other entity involved is as below:

Organization name	EKI Energy Services Ltd.
Role in the project	Project Consultancy
Contact person	Mr. Prakash Kr. Sahu
Title	Project Manager
Address	Office No 201, Plot No 48, Scheme 78, Part 2, Vijay Nagar, Indore-452010, Madhya Pradesh
Telephone	+91 9931158863
Email	prakash@enkingint.org

Project Start Date

The first project activity instance of the grouped project under consideration was commissioned (2.57 MW) and power generation stared on 28/12/2017. The project activity instance is SPV Azure Power Thirty Eight Private Limited under Azure group. Hence the project start date is defined as follows:

Project start date: 28/12/2017

Assessment team checked the commission details from the commissioning certificates./03/

Project crediting period Date

Assessment team confirms that the crediting period dates for the project is as below:

Crediting Period Start date: 28/12/2017

Crediting Period End date: 27/12/2027

The project activity adopts renewable crediting period of 10 years period which can be renewed for maximum 2 times.

Project Scale and Estimated GHG Emission Reductions or Removals

Assessment team confirms that the project activity is grouped project and each project size is below 15 MW and cumulative capacity of project activity until now is 84.65 MW. As the estimated annual average GHG emission reductions or removal per year is 140,874 tCO_2e which is less than 300,000 tonnes of CO_2e per year, thus the project falls in the category of "Project".

Project Scale	
Project	✓
Large project	

Year	Estimated GHG emission reductions or removals (tCO_2e)
28/12/2017 to 27/12/2018	142,963
28/12/2018 to 27/12/2019	142,391
28/12/2019 to 27/12/2020	142,210
28/12/2020 to 27/12/2021	141,640
28/12/2021 to 27/12/2022	141,073
28/12/2022 to 27/12/2023	140,509
28/12/2023 to 27/12/2024	140,329

Year	Estimated GHG emission reductions or removals (tCO_2e)
28/12/2024 to 27/12/2025	139,768
28/12/2025 to 27/12/2026	139,208
28/12/2026 to 27/12/2027	138,650
Total estimated ERs	1,408,740
Total number of crediting years	10
Average annual ERs	140,874

The above estimated emission reduction is confirmed by assessment team via emission reduction calculation spreadsheet. The calculation is conservative and this acceptable to the assessment team.

Conditions prior to project initiation

Assessment team during the desk review and onsite visit confirms that the project is a rooftop Solar power project and does not involve generation of GHG emissions for the purpose of their subsequent reduction, removal or destruction. The baseline as described in section 3.4.4 of this report will continue to be the baseline in the absence of project activity.

Project compliance with applicable laws, statutes and other regulatory frameworks

Assessment team confirms that the Project has received necessary approvals for development and commissioning for the proposed rooftop Solar project from building owners and is in compliance to the local laws and regulations. Assessment team checked the Commissioning certificates, wheeling agreement with state board, Installation report for Solar power plant to confirm the project capacity and its relevant statutory requirements as per the host country regulations.

Assessment team noted that the project fulfils the norms put down by Central Pollution Control Board norms. As per Central Pollution Control Board (Ministry of Environment & Forests, Govt. of India), final document on revised classification of Industrial Sectors under Red, Orange, Green and White Categories (29/02/2016).

Being a renewable power project, it falls under the category of White and thus these projects do not need clearance for Consent to operate and only needs to inform the relative State Pollution Control Board. The same is done for the project and thus it can be confirmed that it follows the local laws of the host country.

The relevant national laws and regulations pertaining to generation of energy in India are:

- Electricity Act 2003
- National Electricity Policy 2005
- Tariff Policy 2006

The Project activity conforms to all the applicable laws and regulations in India:

- Power generation using renewable energy is not a legal requirement or a mandatory option.

- There are state and sectoral policies, framed primarily to encourage Solar power projects. These policies have also been drafted realizing the extent of risks involved in the projects and to attract private investments.
- The Indian Electricity Act, 2003 (May 2007 Amendment) does not influence the choice of fuel used for power generation.
- There is no legal requirement on the choice of a particular technology for power generation.

Thus, assessment team confirms that the project activity follows the National and local law and regulation of the host country.

Project Ownership

Azure Power India Pvt Ltd is the parent company and also project proponent (PP) of project activity and they have the legal right to control and operate the project activities.

The project ownership has been checked by the Assessment Team and demonstrated through below supporting documents:

- PPAs/07/
- Invoices/25/
- Monthly solar power generation report/25/

Assessment team confirms that, the project ownership relies on **Azure Power India Pvt Ltd** as per the internal agreement between Azure Power India Pvt Ltd & each SPV companies.

Emissions trading programs and other binding limits

Assessment team confirms that the Net GHG emission reductions or removals generated by the Project will not be used for compliance with an emissions trading program or to meet binding limits on GHG emissions in any Emission Trading program or other binding limits. Audit team checked the REC Mechanism database of India and found that the project activity is not accredited / registered under REC mechanism (https://recregistryindia.nic.in/index.php/publics/registered_regens)./13/ Further, Declaration in effect of the same has been submitted by project proponent to audit team and found to be correct. Thus, it is concluded that the project activity not involved on other Emissions trading programs and other binding limits.

Additional Information Relevant to the Project

Eligibility Criteria for grouped projects

The project activity involves installation and generation of electricity using renewable energy resources i.e. by using the solar energy (renewable sources) replacing electricity supply from a fossil-fuel dominated electricity, thus leads to reductions of anthropogenic GHG emissions from atmosphere. Hence the project activity is eligible Sectoral scope 1 i.e. energy industries (renewable/ non-renewable sources) under the scope of the VCS Program.

The proposed grouped project activity involves 2 types of project activity instances.

1. Few project activity instances involved in the project activity are physically connected to grid, but their primary purpose is to meet in house requirement and excess energy may be supplied to grid (Net metering approach). If required, project activity instance import electricity from grid. Since project activity meets eligibility criteria of having VVB contract before 09/03/2020 and

already submitted to VEERA in Dec 2019, all project activity instances currently considered during VCS registration (i.e 490 project activity instances) are eligible for VCS and not categorised as excluded scope as per VCS Standard Version 4.0. However future grid connected project activity instances will not be eligible to include under proposed grouped project activity. This is as per Appendix 2 of VCS standard Version 4.0, point 2) Grouped projects registered under the VCS Program shall be prohibited from adding new project activity instances of the newly excluded project types on or after 1 January 2020.

2. Few other project activity instances are used for captive/in house consumption only and not connected to grid. This is to be considered a micro-grid activity, and therefore such project activity instances can be in future within the scope of the VCS Program.

The project is a grouped project and following are the eligibility criteria for inclusion of new project activity instances into the grouped project activity:

1) **Applicability Conditions:** The PP has defined that the project activity instances shall meet applicability conditions for applicable methodology AMS I.F version 3.0 in joint PD and MR. Further the PP has mentioned that all project activity instances meet respective applicability conditions of methodology (for project activity instances having capacity greater than 15 MW) and AMS I.F Version 3.0 (for project activity instances having capacity less than 15 MW), hence this eligibility criteria is fulfilled. The PP has provided the further more details about applicability criteria has been discussed section 3.2 of the Joint PD and MR. This is verified by VVB assessment team and found to be correct, hence accepted.

2) **Geographical Area:** The PP has mentioned the second eligibility criteria as the project activity instances to be included in the grouped project activity will be activities involving renewable electricity generation power plants with grid connection using solar technology located within India that would be supplying electricity to the user with a contractual agreement. This is verified by VVB assessment team from the commissioning certificates, PPAs for Geographical area of project activity and found to be correct, hence accepted.

3) **Baseline scenario:** The PP has mentioned the other eligibility criteria as all Project Activity Instances shall meet the baseline definition as defined in respective methodology. The PP has provided the further more details about baseline scenario have been discussed section 3.4 of the Joint PD and MR. This is verified by VVB assessment team and found to be correct, hence accepted.

4) **Technology type**: The PP has mentioned the other eligibility criteria as the project activity instances to be included in the grouped project activity will be Greenfield activities involving renewable electricity generation power plants supplying electricity for mini grid or captive use using solar technology. This is verified by VVB assessment team and found to be correct, hence accepted.

5) **Additionality:** The PP has mentioned the other eligibility criteria as the project activity instances to be added as part of the grouped project will meet additionality criteria as set out in the methodology. The PP has provided the further more details about additionality has been discussed section 3.4 of the Joint PD and MR. This is verified by VVB assessment team and found to be correct, hence accepted.

For small scale project activity instances - As per Guidelines on the Methodological Tool for the demonstration of additionality of small- scale project activities - Version 13.0.0 /24/(EB 105, Annex 4), a positive list of grid-connected renewable electricity generation technologies are listed that are automatically defined as additional, without further documentation of barriers.

The positive list comprises of the following grid-connected renewable electricity generation technologies of installed capacity up to 15 MW:

1) Solar technologies (photovoltaic and solar thermal electricity generation);
2) Off-shore wind technologies;
3) Marine technologies (wave, tidal).
4) Building-integrated wind turbines or household rooftop wind turbines of a size up to 100 kW;

Since the small scale project activity instances involve solar photovoltaic electricity generation projects, it can be concluded from the above list that this project activity is automatically additional and does not require demonstration of barriers. However, the PP has demonstrated the additionality of project being considered as combined capacity of project as 84 MW and same has been verified by VVB and discussed under section of this validation report.

The proposed Grouped project activity instances are not within 1 km of each other, thus there is no any clustering required and no need to check capacity limit of methodology (15 MW). The capacity of each project activity instance is less than 15 MW, hence already included project activity instances follows small scale methodology.

Also, project proponent submitted a declaration that:

- Each project activity instance is less than 15 MW and already included project activity instances are located at more than 1 KM from each other. Hence there is no any requirement of clustering of project activity instances for currently included project activity instances
- In future inclusion, if any, the combined capacity of the project instances located at a distances less than 1 KM will not increase 15 MW. Thus small scale methodology is applicable for the proposed grouped project activity.

6) **Start Date:** The PP has mentioned the other eligibility criteria as the start date of each project activity instance under the grouped project should not be prior to the start date of the grouped project. The start date of each project activity instance will be determined through documentary evidence. This is verified by VVB assessment team and found to be correct, hence accepted.

7) The PP has mentioned the other eligibility criteria as conditions that avoid double counting of emission reductions like unique identifications of project and claiming emission reduction only under one GHG program. This is verified by VVB assessment team and found to be correct, hence accepted.

8) The PP has mentioned the other eligibility criteria as the Grouped Project specific requirements stipulated by the Entity responsible for coordinating and managing grouped project for conducting local stakeholder consultations and environmental impact assessment (EIA), as applicable. This is verified by VVB assessment team and found to be correct, hence accepted.

9) The PP has mentioned the other eligibility criteria as the project activity using solar project will supply electricity to mini grid or to users through grid network (micro grid) or in house captive consumption. This is verified by VVB assessment team and found to be correct, hence accepted.

The following table demonstrates how the initial project activity instances being included in the grouped project activity fulfil above mentioned eligibility conditions:

Sr. No	Eligibility Criteria	Project Activity instances eligibility
1	**Applicability Conditions**: The project activity instances shall meet applicability conditions for applicable methodology (AMS I.F version 3.0) as defined in section 3.2	The PP has demonstrated that all project activity instances meet respective applicability conditions of methodology (for project activity instances having capacity greater than 15 MW) and AMS I.F Version 3.0 (for project activity instances having capacity less than 15 MW),hence this eligibility criteria is fulfilled. The PP has provided the further more details about applicability criteria has been discussed section 3.2 of the Joint PD and MR. This is verified by VVB assessment team and found to be correct, hence accepted.
2	**Geographical Area**: The project activity instances to be included in the grouped project activity will be activities involving grid connected renewable electricity generation using solar technology located within India.	The PP has demonstrated that the all project activity instances being included in the grouped project are located within geographic boundaries of India. Hence this condition is fulfilled. Assessment team check this from commissioning certificate/03/, PPAs/07/ for Geographical area of project activity. This is verified by VVB assessment team and found to be correct, hence accepted.

3	**Baseline scenario:** All Project Activity Instances shall meet the baseline definition as defined in respective methodology	The PP has demonstrated that the all initial project activity instances have same baseline as per methodology as detailed in subsequent sections. Hence this eligibility criterion is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.
4	**Technology type:** The project activity instances to be included in the grouped project activity will be Greenfield activities involving grid connected renewable electricity generation using solar PV technology. The electricity should be supplied to grid, or to third party or to be used for captive purpose etc.	The PP has demonstrated that the all project activity instances Instance are solar PV power plants supplying electricity supplying electricity for mini grid or captive use. All are Green field projects. Hence this condition is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.
5	**Additionality:** The project activity instances to be added as part of the grouped project will meet additionality criteria as set out in respective methodologies - for Small Scale Project instances the methodology applicable will be AMS-I.F. For small scale project, project activity instance will be auto additional. For large scale projects - investment analysis will be followed and additionality tool and methodological tool "Investment Analysis" will be used.	The PP has demonstrated that the additionality for the all project activity instances included in the grouped project in section 3.5 of joint VCS PD and MR. As per CDM Tool for demonstration of additionality for small scale project activities, solar PV projects with capacity up to 15 MW fall in positive list of technologies termed as automatically additional. Here all the project activity instances are small scale projects and are automatically additional. The PP has provided the further more details about additionality has been discussed section 3.5 of the Joint PD and MR. This is verified by VVB assessment team and found to be correct, hence accepted. In additionally, the PP has demonstrated the additionality of project being considered as combined capacity of project as 84 MW and same has been verified by VVB and discussed under section of this validation report.
6	**Start Date:** The start date of each project activity instance under the grouped project should not be prior	The PP has considered the start date of grouped project as the earliest commissioning date (i.e. 28/12/2017)/03/of project activity instance

	to the start date of the grouped project. The start date of each project activity instance will be determined through documentary evidence.	and start date of all other project activity instances is after this date. Hence this condition is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.
7	Conditions that avoid double counting of emission reductions like unique identifications of project and claiming emission reduction only under one GHG program.	The existing and new project activity instances are identified by latitude and longitude and location of the plant. Declaration has been provided by the PP and these project activity instances are not participating in any other GHG program. Hence this condition is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.
8	The Grouped Project specific requirements stipulated by the Entity responsible for coordinating and managing grouped project for conducting local stakeholder consultations and environmental impact assessment (EIA), as applicable	The PP has conducted the Local stakeholder consultation at the project site for all the project activity instances. Details are mentioned in subsequent section of this joint PD and MR. There is no requirement for carrying out EIA for these projects in India, hence this condition is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.
9	The project activity using solar PV project will supply electricity to grid or to users through grid network or in house captive use.	The existing and new project activity instances are solar PV power plants supplying electricity to grid or user or in house captive use. Hence this condition is fulfilled. This is verified by VVB assessment team and found to be correct, hence accepted.

Leakage Management for AFOLU projects

Since the project activity instances to be included into the grouped project activity are renewable energy projects based on solar technology, no leakage emissions are considered - in line with paragraph 27 of the small-scale methodology AMS.I. F (version 3.0).

Thus leakage management plan and implementation of leakage and risk mitigation measures are not applicable for this grouped project activity.

Commercially Sensitive Information

No commercially sensitive information has been excluded from the public version of the project description. The details are presented transparently to the assessment team for analysis which lead to positive conclusion for this validation and verification.

Sustainable Development

Contribution to sustainable development:

Ministry of Environment and Forests, has stipulated economic, social, environment and technological well-being as the four indicators of sustainable development. Assessment team found that the project contributes to sustainable development using the following ways.

Social well-being: The project would help in generating employment opportunities during the construction and operation phases. The project activity will lead to development in infrastructure in the region like development of roads and also may promote business with improved power generation.

Economic well-being: The project is a clean technology investment in the region, which would not have been taken place in the absence of the VCS benefits the project activity will also help to reduce the demand supply gap in the state.

Technological well-being: The successful operation of project activity would lead to promotion of Solar based power generation and would encourage other entrepreneurs to participate in similar projects.

Environmental well-being: Solar being a renewable source of energy, it reduces the dependence on fossil fuels and conserves natural resources which are on the verge of depletion. Due to its zero emission the Project activity also helps in avoiding significant amount of GHG emissions and specific pollutants like SO_x, NO_x, and SPM associated with the conventional thermal power generation facilities.

Project undergone continuous operation and only scheduled maintenance as per the manufacturer specification is considered. No unforeseen incident observed for the present monitoring period.

Conclusion:

In view of the assessment of VCS PD& MR /01/ and supporting documents as listed in Appendix 1 of this report, the validation team is able to confirm that the description contained in the VCS PD & MR of the project activity provides the reader with a clear understanding of the precise nature of the project activity and the technical aspects of its implementation. Consequently, DOE confirms that the project description of the project contained in the VCS PD & MR/01/ to be complete and accurate. The VCS PD & MR complies with the relevant forms and guidance for completing the VCS PD & MR.

3.2 Participation under Other GHG Programs

The project has neither been registered nor seeking registration under any other GHG programs. The project is seeking registration only in VCS program. Audit team checked the REC Mechanism database of India and found that the project activity is not accredited / registered under REC mechanism. Further, declaration for the same is checked and found correct by the assessment team. Also assessment team checked the following registries to confirm the same. The details of the registries checked are as follows:

1. https://www.recregistryindia.nic.in/
2. http://cdm.unfccc.int/
3. http://www.goldstandard.org/

Rejection by other GHG programs

The Project is not rejected by other GHG programs. A declaration for the same is checked and found correct by the assessment team. Also assessment team checked the following registries to confirm the same. The details of the registries checked are as follows:

1. https://www.recregistryindia.nic.in/
2. http://cdm.unfccc.int/
3. http://www.goldstandard.org/
4. https://verra.org/verra-standards-and-programs/

The Project has no intend to generate any other form of GHG-related environmental credit for GHG emission reductions or removals claimed under the VCS Program.

Renewable energy certificates are available for trading in the host country However, the same is not availed by the project participant. The undertaking regarding the same is submitted by PP which is acceptable to the assessment team and assessment team also checked the REC web site (https://recregistryindia.nic.in/) and found the declaration to be correct.

3.3 Safeguards

3.3.1 No Net Harm

The project activity promotes environmental and socio-economic well-being as it results in zero GHG emissions due to installation and operation of clean, renewable energy technology for electricity generation.

The report on "Developmental Impacts and Sustainable Governance Aspects of Renewable Energy Projects" prepared by MNRE dated September 2013. This report clearly mentioned that solar project activity operations do not result in direct air pollution, noise pollution. Please refer below web link for the same.

Thus there are no any significant impacts due to implementation of project activity on air, water, soil quality and ambience are envisaged due to the project activity.

3.3.2 Local Stakeholder Consultation

The local stakeholder consultation process has been described in detail, by the PP, in section 5.3 of the joint VCS PD & MR the project participant identified the relevant stakeholders such as local villagers, local employee, representatives of affected people residing in the project area and local village head etc.

Local stakeholder consultation process has been performed during the design phase through inviting the relevant stakeholders to comment on the project activity. The details of the Stakeholder Meetings are as follows/08/:

Project Instance	SPVs Names	Invitation Dates	Meeting Dates
1.	Azure Power Thirty Eight Private Limited	01/01/2018	15/01/2018
		01/08/2019	08/08/2019
		02/10/2019	23/10/2019
		04/06/2019	14/06/2019
2.	Azure Power Forty Four Private Limited	02/07/2018	12/07/2018
		05/08/2018	16/08/2018
3.	Azure Power Eight Private Limited	13/09/2019	23/09/2019
4.	Azure Power Genco Private Limited	08/12/2016	18/12/2016
5.	Azure Power Mercury Power Limited	01/01/2018	15/01/2018
6.	Azure Power Rooftop One Private Limited	01/08/2019	08/08/2019
7.	Azure Power Rooftop Two Private Limited	02/07/2018	12/07/2018
8.	Azure Power Rooftop Three Private Limited	13/09/2019	23/09/2019

9.	Azure Power Saturn Private Limited	02/10/2019	23/10/2019
10.	Azure Sunlight Power Limited	02/10/2019	23/10/2019

The documentary evidence provided as proof of date of the invitation, meeting; and mode of invitation/08/ has been checked by the assessment team during the site visit and found to be appropriate.

After sharing information with the local stakeholders about the company and the purpose of proposed activity, the stakeholders were briefed about non-conventional energy sources and their importance. The PP also informed the stakeholders about their intention of securing carbon credit benefits for the project activity for financial sustainability of the project. The Minutes of the meeting of the stakeholder meeting and attendance sheet/08/ have been submitted by the PP.

During the site visit the assessment team interviewed some of the local villagers. Based on the replies of the villagers, the validation team was convinced that the process of stakeholder consultation was carried out as described in the joint VCS PD & MR. The villagers also confirmed that they were invited for the meeting through public notice. This was found to be consistent with the invitation process mentioned in the joint VCS PD & MR /01/.

Overall, there was an understanding among the stakeholders that the project activity would lead to the overall development of the area, mainly by generating employment opportunities and improving the infrastructure leading to an improved life for the villagers. The local stakeholders interviewed during the site visit endorsed this view.

3.3.3 Environmental Impact

The project activity is expected to have positive impacts and no significant adverse environmental impacts are foreseen. Since, the project activity is an electricity generation from renewable source (i.e. Solar energy) therefore no negative impact are envisaged. There is no mandatory legal requirement for carrying out an environmental impact assessment in the host country. The Ministry of Environment, Forests & Climate change (MoEFCC), Government of India (GoI) notification dated 14/09/2006 regarding the requirement of Environment Impact Assessment (EIA) /23/ studies states that any project developer in India needs to file an application to the Ministry of Environment and Forests (including a public hearing and an EIA) in case the proposed industry or project is listed in a predefined list. The list includes thirty nine project activities that require EIA studies. The Solar power projects are not included in this list and thus an EIA study is not required.

3.3.4 Public Comments

In accordance with the requirement in clause 3.16.5 of the VCS standard version 4 “All VCS projects are subject to a 30-day public comment period. The date on which the project is listed on the project pipeline marks the beginning of the project’s 30-day public comment period”.

The PP listed their project activity in the VCS pipeline for 30 days from 21/11/2019 to 21/12/2019 (https://www.vcsprojectdatabase.org/ - /pipeline_details/PL2038) for public comments.
No comments received during the commenting period, as evident from the VCS pipeline in the

3.3.5 AFOLU-Specific Safeguards

This section is not required as this project activity is a non-AFOLU project activity.

3.4 Application of Methodology

3.4.1 Title and Reference

Assessment team checked that following methodology and tools are applicable for the project activity. The details are as below:

The project activity instances as part of the proposed grouped project activity will be small scale project activity instances with power generation capacity less than or equal to 15 MW as per CDM terminology. Accordingly, below mentioned methodology will be used for each of the project activity instances.

The project activity instance based on its capacity:

The methodology for the project activity instances will be the approved methodology for small-scale CDM project activities. The details of the methodology are as follows:

Methodology: AMS.I.F

Project Type : Type-I: Renewable Energy Projects

Title : Renewable Electricity Generation for captive use and Mini-grid

Version No. : Version 3.0; EB 81/04/

Reference : CDM Methodologies Tools referred with above methodology and applicable for project activity are:

- Tool to calculate the emission factor for an electricity system- Version 07.0 (EB 100, Annex 04)/05/
- Methodological Tool- Tool for the demonstration of additionality of small- scale project activities(EB 105, Annex 04)/24/

3.4.2 Applicability

The applied baseline methodology AMS I.F. version 3 is justified as it has been demonstrated that the proposed project activity is:

Criteria 1: This methodology comprises renewable energy generation units, such as photovoltaic, hydro, tidal/wave, wind, geothermal and renewable biomass that supply electricity to user(s). The project activity will displace electricity from an electricity distribution system that is or would have been supplied by at least one fossil fuel fired generating unit i.e. in the absence of the project activity, the users would have been supplied electricity from one or more sources listed below:

(a) A national or a regional grid (grid hereafter);

(b) Fossil fuel fired captive power plant;

(c) A carbon intensive mini-grid.

Assessment: The project activity instances comprises of renewable electricity generation using solar energy units which supplies power to grid, to the users through grid network. Or in house captive consumption. The solar plant unit is located at the respective rooftop of the mentioned site at section 1.1. The project activity will displace electricity from INDAN Grid, which is supplied by predominantly fossil fuel plants. The project activity instances would replace equivalent quantum of fossil fuel dominated grid power that's being used prior to the project activity instances.

Hence, the project activity instances justify applicability condition. Which assessment team verify from PPAs/07/.

Criteria 2: Hydro power plants with reservoirs that satisfy at least one of the following conditions are eligible to apply this methodology:

(a) The project activity is implemented in an existing reservoir with no change in the volume of reservoir;

(b) The project activity is implemented in an existing reservoir, where the volume of reservoir is increased and the power density of the project activity, as per definitions given in the project emissions section, is greater than 4 W/m^2.

(c) The project activity results in new reservoirs and the power density of the power plant, as per definitions given in the project emissions section, is greater than 4 W/m2.

Assessment: As project activity is rooftop solar power project, this applicability criteria not applicable.

Criteria 3: This methodology is applicable for project activities that: (a) Install a new power plant at a site where there was no renewable energy power plant operating prior to the implementation of the project activity (Greenfield plant); (b) Involve a capacity addition,(c) Involve a retrofit of (an) existing plant(s); or (d) Involve a replacement of (an) existing plant(s).

Assessment: All project activity instances are installation of greenfield power pants which clarify from power purchase agreements/07/ and commissioning certificates/03/.

Criteria 4: In the case of project activities that involve the capacity addition of renewable energy generation units at an existing renewable power generation facility, the added capacity of the units added by the project should be lower than 15 MW and should be physically distinct from the existing units.

Assessment: Project activities are not capacity addition. All instances are green filed installation. Which clarify from PPAs/07/.

Criteria 5: In the case of retrofit or replacement, to qualify as a small-scale project, the total output of the retrofitted or replacement unit shall not exceed the limit of 15 MW.

Assessment: This Project activity instances are not a retrofit or replacement of existing project activity

The project activity is the installation of a rooftop solar based Power Generation project; it is not a hydro project, thus all conditions related to hydro plants are not applicable to the project activity (and not included in this section).

Thus, it can be concluded that the applied methodology AMS I.F. version 3/04/ is applicable to the project activity.

Further, the applied methodology refers to latest available versions of the following tools;

1. Tool to calculate the emission factor for an electricity system

The VCS PD /01/ refers and correctly applies the latest version of tool to calculate the emission factor for an electricity system, version 07.0 /05/.Also in the final version of the VCS PD, the PP has referred the CEA Baseline CO_2 Emission Database version 14, dated December 2018.This is the latest available database at the time of revised version of the VCS PD submission for validation of the project activity. The location of the project in the state of Uttar Pradesh in India. As per CEA Baseline CO_2 Emission Database/11/, the state of Uttar Pradesh comes under the Indian grid, the geographic and system boundaries of which are clearly identified; information on the characteristics of the grid is available. Thus, the tool is applicable for the project activity.

2. Tool for the demonstration of additionality of small- scale project activities - Version 13.0.0

The latest version 13.0.0 of the "Tool for the demonstration of additionality of small- scale project activities"/24/ has been used by the PP. Since the additionally tool is included in an approved methodology, additionality tool needs to be applied for the project activity. Also PP is neither proposing new methodology nor proposing alternative methods to demonstrate additionality for consideration by the Executive Board. This it is concluded that the Tool for the demonstration and assessment of additionality is applicable for the project activity.

3. Tool to calculate project or leakage CO_2 emissions from fossil fuel combustion

Since there is no fossil fuel combustion involved in the project site or in the project boundary, this tool is not applicable to the proposed project activity and not used/applied by the project participant.

LGAI Technological Center S.A. (Applus+ Certification) confirms that the application of the baseline methodology is transparent and conservative and confirms that the chosen baseline and monitoring methodology i.e. AMS I.F. version 3.0.0is applicable to the project activity.

3.4.3 Project Boundary

The project boundary is given by the applied methodology, AMS I.F. version 3.0.0/04/:

"The spatial extent of the project boundary includes the project power plant and all power plants connected physically to the electricity system that the CDM project power plant is connected to."

The project boundary includes the solar rooftop project installed at the user's roof. Users might connected to the Indian grid. Therefore, the entire India national grid and all connected power plants have been considered in the project boundary for the proposed VCS project activity, thereby displacing the grid generated electricity. The project boundary includes the solar project, sub-stations, grid and all power plants connected to grid, which has been illustrated in the Section 2.3 of the joint VCS PD & MR/01/ and gives clear understanding of the project boundary; thus it is acceptable. The same has been confirmed during the site visit and is found to be appropriate.

The consideration, by the PP, of only CO_2 gas for the baseline emissions is conservative and also in line with the methodology. The exclusion of CH_4 & N_2O in the baseline scenario is appropriate. The project activity involves the generation of electricity using solar energy. Hence, there are no project emissions associated with this project activity. Hence, the exclusion of CO_2, CH_4& N_2O in the project scenario are appropriate. There are no other sources of project emissions. Hence, the project participant has considered the project emissions as zero for project activity; this is in line with the methodology.

The assessment team is able to conclude that the project boundary and selected sources are applied as per the methodology and the applicable VCS criteria.

3.4.4 Baseline Scenario

Assessment team confirms that being a rooftop Solar energy generation project, which supplies power to users and extra power will supply to grid PP developed the project based on the Methodology AMS I.F. version 3.0/04/. As per para 20 of AMS I.F Version 3.0; "For project activities that displace grid electricity and fossil fuel fired on-site captive electricity, the baseline emission factor should reflect the emissions intensity of the grid and the captive power plant in the baseline scenario i.e. the weighted average emission factor for the displaced electricity is calculated using values based on the historical, prior three year ratios of electricity from captive plants and the grid. For new facilities, the most conservative (lowest) of the emission factor for the two power sources should be used.

Hence, the baseline for the project activity is the equivalent amount of power from the INDIAN grid. The combined margin ($EF_{grid,y}$) is the result of a weighted average of two emission factor pertaining to the electricity system: the operating margin (OM) (having weightage 75%) and build margin (BM) (having weightage 25%). Calculations for this combined margin must be based on data from an official source of CEA database (where available) and made publicly available.

As per CDM Validation and Verification Standard for project activities version 02/09/, "where the baseline scenario is not prescribed in the approved methodology, the DOE shall assess the list

of identified credible alternatives to the project activity in the Joint VCS PD & MR selected to determine the most realistic baseline scenario." Thus, Joint VCS PD & MR should mention the credible alternatives to the project activity in order to determine the most realistic baseline scenario. As the selected small-scale methodology clearly mention the baseline scenario and the same has been opted in this project, therefore, no further analysis on baseline is required.

Validation Team, therefore, concludes that the Joint VCS PD & MR conforms to the guidance given by EB via CDM Validation and Verification Standard for project activities version 02/09/ and VCS via VCS standard version 4/14/.

The project activity involves setting up rooftop solar projects to harness the power of sun and solar to produce electricity and supply to the users/grid. In the absence of the project activity, the equivalent amount of power would have been supplied by the Indian grid, which is fed mainly by fossil fuel fired plants.

In the absence of the project activity, the equivalent amount of power would have been drawn from the Indian grid. Hence, the baseline for the project activity is the equivalent amount of power from the Indian grid.

The combined margin ($EF_{CO2,y}$) is the result of a weighted average of two emission factor pertaining to the electricity system: the operating margin (OM) and build margin (BM). Calculations for this combined margin must be based on data from an official source (where available) and made publicly available. The Central electricity authority (CEA) database version 14 is the latest available data at the time of Joint VCS PD & MR submission to DOE for validation, hence same is considered for emission factor calculations.

The combined margin of the Indian grid used for the project activity is as follows:

Parameter	Value	Nomenclature	Source
$EF_{CO2,y}$	0.9368 tCO_2/MWh	Combined margin CO_2 emission factor for the project electricity system in year y	Calculated as the weighted average of the operating margin (0.75) & build margin (0.25) values, sourced from Baseline CO_2 Emission Database, Version 14.0, December 2018 published by Central Electricity Authority (CEA), Government of India/11/
$EF_{OM,y}$	0.9610 tCO_2/MWh	Operating margin CO_2 emission factor for the project electricity system in year y	Calculated as the last 3-year (2015-16, 2016-17 & 2017-18) generation-weighted average, sourced from Baseline CO_2 Emission Database, Version 14.0, December 2018 published by Central Electricity Authority (CEA), Government of India/11/

Parameter	Value	Nomenclature	Source
$EF_{,BM,y}$	0.8644 tCO_2/MWh	Build margin CO_2 emission factor for the project electricity system in year y	Baseline CO_2 Emission Database, Version 14.0, December 2018 published by Central Electricity Authority (CEA), Government of India/11/

Assessment team thus confirmed that baseline is selected as per the applied methodology and combined margin is calculated as per the tool and thus acceptable to the assessment team.

3.4.5 Additionality

In line with VCS Standard version 4, the additionality of the Grouped project activity is ascertained in line with the applicable guidance from the UNFCCC. The demonstration of additionality for the proposed Grouped project activity is being carried out in accordance with the additionality tool provided by the UNFCCC.

As per Guidelines on the Methodological Tool for the demonstration of additionality of small-scale project activities - Version 13.0.0 (EB 105, Annex 4)/24/, a positive list of grid-connected renewable electricity generation technologies are listed that are automatically defined as additional, without further documentation of barriers.

The positive list comprises of the following grid-connected renewable electricity generation technologies of installed capacity up to 15 MW:

1. Solar technologies (photovoltaic and solar thermal electricity generation);
2. Off-shore wind technologies;
3. Marine technologies (wave, tidal).
4. Building-integrated wind turbines or household rooftop wind turbines of a size up to 100 kW;

Since the project activity instances is a solar photovoltaic electricity generation project of capacity less than 15 MW, it can be concluded from the above list that the project activity is automatically additional and does not require demonstration of barriers. Thus, it is well established that the proposed small scale project activity instances are auto additional.

Although the individual capacity of individual project instances is less than 15 MW, the summating of all project instances is greater than 15 MW, therefore an investment analysis has been carried out in order to insure the additionality.

During site visit, the additionality of the project activity has been discussed with representatives of the PP and finally the data, rationales, assumptions; justifications and documentation provided have been checked using local knowledge and sectoral and financial expertise of the Assessment Team, and cross checked all relevant documents.

Conclusion:

The assessment team is able to confirm that Since the project activity instances is a solar photovoltaic electricity generation project of capacity less than 15 MW, it can be concluded from the above list that the project activity is automatically additional and does not require demonstration of barriers. Thus, it is well established that the proposed small-scale project activity instances are auto additional.

For consideration as combine project activity as 84 MW and the additionality of project has been demonstrated by the PP as follows:

The PP has demonstrated that for the additionality, Methodology (ACM0002 version 20) has been used as the combine capacity 84 MW is greater than 15 MW. The methodology requires the project participant to determine the additionality based on "Tool for the demonstration and assessment of additionality", Version 7.0.0. The step-wise approach to establish additionality of the project activity has been followed by the PP and details of which are provided in the following paragraphs:

Step 0: Demonstration whether the proposed project activity is the first-of-its-kind

The PP has clarified that the proposed project activity is not the first of its kind. Hence, this step is not applicable. Validation assessment team has found to be correct and accepted.

Step 1: Identification of alternatives to the project activity consistent with current laws and regulations

The PP has explained that as per the applied methodology ACM0002 version 20.0; Para 22, if the project activity is the installation of a Greenfield power plant, the baseline scenario is electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid connected power plant and by the addition of new generation sources.

As the baseline scenario is prescribed by applied methodology, hence no further analysis is carried out to identify alternatives. Validation assessment team has found to be correct and accepted.

Step 2: Investment Analysis

Sub-step 2a: Determine appropriate analysis method

The PP has demonstrated that as per "Tool for the demonstration and assessment of additionality" (version 07.0.0), for financial analysis of the project, the following three options are available:

Option I: Simple Cost Analysis

Option II: Investment Comparison Analysis

Option III: Benchmark Analysis

The project will generate revenues from sale of electricity, therefore Option I is not applicable. Option II also does not apply since there is no comparable investment alternative available to the project participant. The most appropriate financial analysis method is therefore option III: the benchmark analysis, where the returns on investment in the project activity are compared to benchmark returns that are available to any investors in the country. Validation assessment team has found to be correct and accepted.

Sub-step 2b: Option III. Apply benchmark analysis

Project participant have considered Post-Tax Equity IRR for investment analysis at the time of decision-making. As Project participant is only interested in the returns project is generating on the portion of investment costs, which is financed by them in the form of equity.

As per guidance required/expected returns on equity are appropriate benchmarks for equity IRR. Therefore, the Expected return on equity is considered appropriate benchmark. Accordingly, the post-tax Equity IRR has been considered as the relevant financial indicator for Investment Analysis.

The investment analysis has been carried out in Nominal terms. Accordingly, Default value has been adjusted by adding suitable forecasted inflation rate taken from RBI (Central Bank, India).

PP has calculated Benchmark based on WPI mean inflation rate. As per Para 16 of Appendix of EB 105, Annex 6, the inflation forecast should be for the duration of the crediting period. However, since RBI provides forecast inflation only for 5 & 10 years, the project investor has calculated benchmark using 10 years durations and the same is considered as Benchmark for the project activity. This has been verified from https://www.rbi.org.in/Scripts/PublicationsView.aspx?id=19416 and found to be correct and hence accepted by validation team.

Appendix A in EB 101, Annex 11 specifies default value of expected return on equity in real terms for Energy Industries (Group 1) in India = **10.24%**

The benchmark has been computed in the following manner:

Nominal Benchmark = {(1+Real Benchmark)*(1+Inflation rate)}-1

Where,

Real Benchmark	= 10.24% (as per Appendix of EB 105, Annex 6)
Inflation rate	= Projected Inflation Rate for India in next 10 years (RBI Forecast)

Based on decision made for the large scale project activity, the inflation rate is taken from RBI forecast. The date is considered as the very first commissioning date.

Since RBI publishes the inflation forecast for 5 years and 10 years, PP has considered the maximum 10 year inflation considering the renewable crediting period of total 21 years.

Project Investor	Inflation Forecast (10 Years)	Benchmark
Azure Power India Pvt ltd	3.10%	13.66%

Based on above review the PP has calculated the benchmark of 13.66% for this project activity.

Sub-step 2c: Calculation and comparison of financial indicators (only applicable to Options II and III):

The PP has evaluated the Post tax Equity IRR for the entire lifetime of the project activity, i.e. 25 years. It is calculated based on the cash outflows from and cash inflows into the project activity.

The PP has submitted the IRR and Benchmark analysis are calculated in excel spreadsheet and same has been validated by assessment team and found to be correct, hence accepted.

Based on result of IRR excel spreadsheets, equity IRR is less than Benchmark. This substantiates that the investment is not financially attractive (Equity IRR for the project activity is less than the Benchmark). Thus it can be easily concluded that project activity is additional & is not business as usual scenario. Input values used in all investment analysis shall be valid and applicable at the time of the investment decision taken by the project participant. The validation team has validated the same as per guidance 10 of EB 105, Annex 11, Annex 6.

The PP has assumed the various input parameters which are sourced from Central Electricity Regulatory Commission (CERC) and the project actual scenario. The same has been validated by assessment team and found to be correct and accepted. The start date for assessment is considered as the commissioning date of the first activity instances. The financial spread sheets for the key assumption (web links & source of parameters) supporting the financial projections are tabulated below:

Details of the project		Source	Validation Team Remark
State where the project is situated	India	DPR	This has been verified from DPR submitted by the PP and found to correct, hence accepted.
Total Capacity (MW)	84.65	DPR	The total combine capacity of 84.65 MW verified from DPR submitted by the PP and found to correct, hence accepted.
Earliest Date of Commissioning	30-09-19	Commissioning Certificate	The COD has been verified from Commissioning Certificate submitted by the PP and found to correct, hence accepted.

Life of the plant (Yrs.)	25	CERC order, pg 5[1]	The project life has been verified from CERC order and found to correct, hence accepted.
Generation of electricity			
PLF (%)	19.00%	CERC Order, pg 11[1]	The PLF has been verified from CERC order and found to correct, hence accepted.
Annual generation (kWh)	140,891,460	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Annual Degradation per year	0.50%	CERC order, pg 111	This has been verified from CERC order and found to correct, hence accepted.
Tariff rate at the decision making (INR/kWh)	4.46	Average PPA rate of the Project	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Escalation in tariff rate	0.0%	-	Not Applicable as each project supplied to user only
Transmission & Wheeling Losses (%)	0.00%	-	Not Applicable as each project supplied to user only
Operation and maintenance cost and Insurance			
O & M Expenses (INR Mn.)	38.09	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.
O & M free for (Yr.)	-		This has been verified from CERC order and found to correct, hence accepted.
Escalation in the operational expenses (%)	5.72%	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.
Insurance (INR Mn.)	63.65	CERC order[2]	This has been verified from CERC order and found to correct, hence accepted.
Financial parameters			
TOTAL COST (INR Mn.)	4,243.50	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.

[1]http://www.cercind.gov.in/2016/orders/SO17.pdf

[2]http://www.cercind.gov.in/2015/orders/SO4.pdf

Loan Amount (INR Mn.)	2,970.45	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.
Equity Investment (INR Mn.)	1,273.05	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.
Term loan			
Loan Amount (INR Mn.)	2,970.45	CERC Order pg 26[2]	This has been verified from CERC order and found to correct, hence accepted.
Interest rate (%)	10.50%	CERC Order pg 26[2]	This has been verified from CERC order and found to correct, hence accepted.
Loan Tenure (Qtr.)	52	CERC Order[2]	This has been verified from CERC order and found to correct, hence accepted.
Moratorium Period (Qtr.)	-	Assumption	This has been verified from CERC order and found to correct, hence accepted.
Repayment Period (Qtr.)	52	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Repayment instalments value (INR Mn.)	57.124	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
1st instalment from (Qtr. end)	31-Dec-19	Considered from the next Quarter End	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Book Depreciation (SLM Method)			
Land	1,058.13	CERC Order pg 11: Estimate Acre land required @ 5 acre/mw and 2.5 mn/acre[1]	This has been verified from CERC order and found to correct, hence accepted.
Gross Depreciable Value (INR Mn.)	3,185.38	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Salvage Value (%)	10.00%		The calculation has been verified in IRR spread sheet and found to correct, hence accepted.

Salvage value (INR Mn.)	318.54	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Net Depreciable Value (INR Mn.)	2,866.84	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
Residual Value (INR Mn.)	1,376.66	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
IT Depreciation			
IT Depreciation(%)	40.00%	IT act[3]	This has been verified from IT act and found to correct, hence accepted.
Income Tax			
Financial Year	**FY 2018-19**		
Income tax rate (%)	30.00%	As Per Income Tax Rule[4]	This has been verified Income Tax Rule and found to correct, hence accepted.
Corporate Tax / MAT (%)	33.00%	As Per IT rule[5]	This has been verified Income Tax Rule and found to correct, hence accepted.
GST (%)	18.00%	As Per Income Tax Rule[6]	This has been verified Income Tax Rule and found to correct, hence accepted.
Surcharge (%)	12.00%	As Per Income Tax Rule[6]	This has been verified Income Tax Rule and found to correct, hence accepted.
Health & Education cess (%)	4.00%	As Per Income Tax Rule[6]	This has been verified Income Tax Rule and found to correct, hence accepted.
Final Tax rates			
Income tax rate (%)	34.94%	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.

[3]http://www.taxafin.com/Income_Tax/Tax_Rates/Depreciation_Rates.html

[4]https://www.indiabudget.gov.in/budget2017-2018/ub2017-18/fb/bill.pdf

[5]https://www.bankbazaar.com/tax/corporate-tax.html

[6]https://www.paisabazaar.com/tax/gst-rates/

MAT (%)	38.44%	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.
GST (%)	18.72%	Calculated Value	The calculation has been verified in IRR spread sheet and found to correct, hence accepted.

The PP has demonstrated the calculation approach of the IRR in the VCS PD and IRR sheet is in consistent with the same. The IRR computation has been done as per standard IRR accounting practice. The guidance prescribed under the section 5 of the Methodological tool 27 has been referred. The equity IRR has been calculated. In the calculation of equity IRR only the portion of investment costs which is financed by equity has been considered as the net cash outflow, the portion of the investment costs which is financed by debt is not considered a cash outflow. Also, as per the section 4 of the tool 27, internal rate of return (IRR) (both Project and Equity IRR) calculations should reflect the period of expected operation of the underlying project activity (technical lifetime). Therefore, the IRR assessment has been performed for a period of 25 years, which is the technical lifetime of the project as prescribed under the section 1.8. Also, Para 10 of the tool 27 prescribes that 'Input values used in all investment analysis shall be valid and applicable at the time of the investment decision taken by the project participant'. These input values were verified by DOE from the relevant source documents. Moreover, computations of depreciation, tax, fair value, etc. are considered as per standard accounting practices of the host country and best practices, which is also in line with the requirements of the section 4 of the tool.

The results shows that the proposed project activity cannot be considered as financially attractive proposition without an external revenue support as the equity IRR for the project activity is less than the expected Benchmark. The calculation of benchmark is attached under Appendix 2 of the VCS PD.

SPV Name –Azure Power India Pvt. Ltd.	Equity IRR without CDM	Benchmark (Equity IRR)
	9.60%	13.66%

Therefore, the group project activity instances cannot be considered as financially attractive as the equity IRR for the project activity is less than the Benchmark.

Sub-step 2d: Sensitivity Analysis

Addressing section 7 of EB 105, Annex 6, following factors has been subjected to sensitivity analysis:

1. PLF

2. O&M Cost
3. Project Cost
4. Tariff

The rationale of sensitivity is, "The ultimate objective of the sensitivity analysis is to determine the likelihood of the occurrence of a scenario other than the scenario presented, in order to provide a cross-check on the suitability of the assumptions used in the development of the investment analysis."

Variation %	-10%	Normal	10%	Breaching Value
PLF	7.35%	9.60%	11.89%	17.99%
O&M	9.86%	9.60%	9.35%	-177.43%
Project Cost	11.60%	9.60%	7.92%	-18.49%
Tariff Rate	7.35%	9.60%	11.89%	17.99%

The results of sensitivity analysis show that even with a variation of +10% & -10% in project cost, O&M cost, PLF and Tariff Rate Equity IRR is significantly lower than the benchmark. And it is evident from the results given above; the project remains additional even under the most favorable conditions.

Probability to breach the benchmark:
Sensitivity Parameter 1 : PLF
PLF considered in financials for is as per Third Party PLF report in line with **"Guidelines for the reporting and validation of Plant load factors" stated in EB48 Annex11 option 3(b).** Hence, variation in PLF of more than 10% is unlikely to happen as the PLF has been reported as per the Third Party Report based on long term data.
Sensitivity Parameter 2 : O&M
The sensitivity analysis reveals that O&M will breach the benchmark at negative values and is hypothetical case. Since the O&M cost is subject to escalation (as evidence by the O&M agreement) and also subject to inflationary pressure, any reduction in the O&M costs is highly unlikely. Hence, the reduction in the O&M cost is highly unlikely.
Sensitivity Parameter 3 : Project Cost

Project Cost for financial analysis is considered from DPR of the project activity, being available at the time of investment making decision to go ahead with the project activity. The actual project cost is lower than the DPR cost. Since the Purchase Order cost is firm, there is no possibility of project cost going below this level. However, Sensitivity is carried out for threshold level below which benchmark is not breached.
Sensitivity Parameter 4 : Tariff Rate
The tariff is determined by PPA which is fixed for entire lifetime of the project activity. Hence, there is no probability to get variation for the same. However, Sensitivity is carried out for +/- 10% even then the benchmark is not breached.

Outcome of Step 2:

This substantiates that the investment is not financially attractive (Equity IRR for the project activity is less than the Benchmark Equity IRR) for any of the investor. Thus it can be easily concluded that project activity is additional & is not business as usual scenario.

Step 3: Barrier analysis

Barrier analysis has not been used.

Step 4: Common practice analysis

PP has demonstrated common practice analysis as per Methodological tool "Common Practice", version 03.1 EB84, Annex 7.

As per paragraph 13 of "Tool for the demonstration and assessment of additionality" – Version 7.0.0, project activity belong to measure "Switch of technology with or without change of energy source including energy efficiency improvement as well as use of renewable energies"; hence sub-step 4a) of the tool is applicable for the project activity.

As per sub-step 4a), paragraph 58 of the tool, latest version of the "Guidelines on common practice" available on the UNFCCC website shall be applied.

The PP applied latest version 03.1 of "common practice tool" and same has been as below;

The project activity involves generation of electricity from Solar energy. The project activity is located in the various state of India and the policy applicable for the Solar power projects is regulated by respective State Electricity regulation Commission (SERC) and overall governed by Central Electricity regulation Commission (CERC). The policies/tariff for each state is regulated by State Electricity Regulatory Commissions of respective states and they differ for respective states. Stepwise approach for common practice analysis has been carried out as per Methodological tool "Common Practice", version 03.1 EB84, Annex 7:

Thus, consideration of the specific geographical area i.e. India for the common practice analysis of the proposed project activity found to be reasonable and justified.

Step (1): Calculate applicable capacity or output range as +/-50% of the total design capacity or output of the proposed project activity.

Since grouped project activity instance 1 is of large scale, capacity of group instance 1 has been considered for the CPA analysis.

Range	Capacity	Unit
+50%	126.97	MW
Capacity of the proposed project activity	84.65	MW
-50%	42.32	MW

Step (2): Identify similar projects (both CDM and non-CDM) which fulfil all of the following conditions:

(a) The projects are located in the applicable geographical area;

(b) The projects apply the same measure as the proposed project activity;

(c) The projects use the same energy source/fuel and feedstock as the proposed project activity, if a technology switch measure is implemented by the proposed project activity;

(d) The plants in which the projects are implemented produce goods or services with comparable quality, properties and applications areas (e.g. clinker) as the proposed project plant;

(e) The capacity or output of the projects is within the applicable capacity or output range calculated in Step 1;

(f) The projects started commercial operation before the project design document (CDM-PDD) is published for global stakeholder consultation or before the start date of proposed project activity, whichever is earlier for the proposed project activity.

Identification of the similar projects (CDM and non-CDM) is carried out as per sub-steps of Step (2) as follows:

(a) As the project is India, therefore, projects in the geographical area of India have been chosen for analysis. The project activity involves generation of electricity from solar energy. The project activity is located in the different states in India and the policy applicable for the solar projects is regulated by respective state policy. The policies/tariff for each state is regulated by State Electricity Regulatory Commissions of respective states and they differ for respective states.

(b) The project activity is a green-field solar power project and uses measure (b) “Switch of technology with or without change of energy source including energy efficiency improvement as well as use of renewable energies”. Therefore, projects applying same measure (b) are candidates for similar projects.

(c) The energy source used by the project activity is solar energy. Hence, only solar rooftop PV projects have been considered for analysis.

(d) The project activity produces electricity; therefore, all power plants that produce electricity are candidates for similar projects.

(e) The capacity range of the projects is within the applicable capacity range from 42.32 MW to 126.97 MW.

(f) The start date of the project activity instances is 28/12/2017. Therefore the projects have start date before 28/12/2017 have been considered for analysis.

Based on the solar power projects commissioned list published by Karnataka Renewable Energy Development Ltd[7] and State wise commissioning status of grid connected Solar Power Projects (As on 30.03.2017)- MNRE, India[8][9], the Numbers of Similar projects identified, which fulfil above-mentioned conditioned are Numbers of Similar projects identified, which fulfil above-mentioned condition are

$N_{Solar} = 0$

As there is not a solar rooftop project located having capacity under the CPA +/- 50% criteria. Above conclusion are based on publically available data by Ministry of New & Renewable Energy, Government of India for State wise commissioning status of grid connected Solar PV Power Projects.

Step (3): Within the projects identified in Step 2, identify those that are neither registered CDM project activities, project activities submitted for registration, nor project activities undergoing validation. Note their number N_{all}.

CDM project activities, which have got registered or are under validation have been excluded in this step. The list of the Solar PV projects identified is provided to the DOE.

$N_{all} = 0$

Step (4): Within similar projects identified in Step 3, identify those that apply technologies that are different to the technology applied in the proposed project activity. Note their number N_{diff}.

As per the tool on Common Practice, the project activities have been separated from the different technologies on the basis two criteria:

1. Size of Installation – Since project activity is large scale project, small and micro scale projects are considered as different technology project. Based on this criteria, there are no any different technology project out of similar identified projects.

[7] http://kredlinfo.in/scrollfiles/Commissioned%20list%20Solar.pdf

[8] http://mnre.gov.in/file-manager/UserFiles/state-wise-commissioned-grid-connected-solar-power-projects.htm

[9] https://mnre.gov.in/img/documents/uploads/cf28af553bf04afe87a972e4aba0987a.pdf

2. Investment climate on the date of the investment decision – For proposed project activity, there are no any different technology project considered out of similar identified projects.

Hence, projects where either of the conditions is satisfied those projects are counted for calculating N_{diff} projects.

N_{diff} = 0

Step (5): Calculate factor $F=1-N_{diff}/N_{all}$ representing the share of similar projects (penetration rate of the measure/technology) using a measure/technology similar to the measure/technology used in the proposed project activity that deliver the same output or capacity as the proposed project activity.

Calculate $F=1-N_{diff}/N_{all}$

$F = 1-(0/0) = 1$

As per methodological tool "common practise" version 03.1, the proposed project activity is a "common practice" within a sector in the applicable geographical area if the factor F is greater than 0.2 and $N_{all}-N_{diff}$ is greater than 3.
Thus if both conditions are fulfilled, then project activity will be a common practise otherwise, the project activity is treated as not a common practise.

Outcome of Common Practise analysis:

As,

i. F = 1; is greater than 0.2

ii. $N_{all}-N_{diff}$ = 0; is not greater than 3

The project activity does not satisfy condition (b). Hence, project activity is not a common practice.
Thus, the proposed project activity is not a "common practice" within a sector in the applicable geographical area.
The above discussions show that Solar PV power development of such magnitude is not a common practice and the project activity is not financially attractive; hence the project activity is additional.

The approach used in the VCS PD /01/ has been assessed based on a document review, whilst the following relevant documents have been reviewed:

- *Verified and Certified data and financial input values,*
- *Project IRR and Benchmark Analysis calculation sheets*
- *Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2016/17*

During telephonic discussion, the additionality of the project activity has been discussed with representatives of the PP and finally the data, rationales, assumptions; justifications and documentation provided have been checked using local knowledge and sectoral and financial expertise of the Assessment Team, and cross checked all relevant documents.

Conclusion:

The assessment team is able to confirm that:

- The project analysis complies with requirements of the latest version of VVS.
- All the parameters and assumptions used in the investment analysis have been assessed thoroughly and found appropriate. The information with regard to how the input values was validated, cross-checked is included under relevant parameter.
- The sources used have been reviewed by the assessment team found to be authentic as referenced under relevant parameter.
- The benchmark was found suitable and has been thoroughly explained in detail.
- All the assumptions and calculations for investment analysis area have been checked by the financial expert and technical expert and found to be correct and reasonable.
- The financial returns from the project activity are insufficient to meet the required investment against the selected benchmark under reasonable variations (sensitivity) conducted on key parameters.

The project activity complies with the latest version of "Tool for demonstration and assessment of additionality" and "Tool 27: Methodological Tool - Investment Analysis (version 09)"

3.4.6 Quantification of GHG Emission Reductions and Removals

Assessment team checked the baseline, project and leakage calculation and confirm that the evaluation of baseline, project and leakage is as per the approved methodology and formula used to calculate the same is correct. The detail analysis is as below:

Baseline Emission:

As per para 19 of AMS-I.F. version 3.0/04/, Baseline emissions for other systems are the product of amount electricity displaced with the electricity produced by the renewable generating unit and an emission factor.

$$BE_y = EG_{BL,y} \times EF_{grid,y}$$

Where:

BE_y = Baseline emissions in year y (tCO_2/yr)
$EG_{BL,y}$ = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh/yr)
$EF_{CO2,y}$ = Emission factor(tCO_2/MWh)
Emission factor of a grid shall be calculated as per the procedures provided in AMS-I.F;

As per para 17 The spatial extent of the project boundary includes industrial, commercial facilities consuming energy generated by the system. In the case of electricity generated and supplied to distributed users (e.g. residential users) via mini/isolated grid(s) the project boundary may be confined to physical, geographical site of renewable generating units. The boundary also extends to the project power plant and all power plants connected physically to the electricity system that the CDM project power plant is connected to.

- Emission factor for captive electricity generation shall be calculated as per the procedures described in the latest version of the "Tool to calculate baseline, project and/or leakage emissions from electricity consumption"

The grid emission factor is calculated as the weighted average of the operating margin (0.75)& build margin (0.25) values. The value of combined margin is sourced from Baseline CO_2 Emission Database, Version 14, December2018 published by Central Electricity Authority (CEA), Government of India. CEA calculates the data based on Tool to Calculate the Emission Factor for an Electricity System", Ver. 7.0/11/. No further assessment is required for grid emission calculation as the ex-ante value is sourced directly from the Govt. of India database.

Emission factor (EF_y):

$EF_y = EF_{CO2,,y} = 0.9368$ t CO_2/MWh. This value is fixed ex-ante for the crediting period.

$EG_{BL,y}$ is calculated based on capacity (Checked from the manufacturer specification), PLF= sourced from offer letter thus fulfilling the requirement of Para 3 (b), Annex 11 EB 48 and 8,760 (365*24) annual hours. Moreover, $EG_{BL,y}$ is a monitoring parameter and the actual value will be obtained during the verification of the project activity.

$BE_y = 152,612.2 \times 0.9368 = 142,963\ tCO_2$

Project Emission:

As per the approved consolidated Methodology AMS I.F. Version 3.0 para 24: "For most renewable energy power generation project activities, $PE_y = 0$. However, some project activities may involve project emissions that can be significant. These emissions shall be accounted for as project emissions by using the following equation:

$PE_y = PE_{FF,y} + PE_{GP,y} + PE_{HP,y}$

Where:

PE_y = Project emissions in year y (t CO_2e/yr)

$PE_{FF,y}$ = Project emissions from fossil fuel consumption in year y (t CO_2/yr)

$PE_{GP,y}$ = Project emissions from the operation of dry, flash steam or binary geothermal power plants in year y (t CO_2e/yr)

$PE_{HP,y}$ = Project emissions from water reservoirs of hydro power plants in year y (t CO_2e/yr)

As the project activity is the installation of a new grid-connected solar Power plant and does not involve any project emissions from fossil fuel, operation of dry, flash steam or binary geothermal power plants, and from water reservoirs of hydro power plants. Therefore $PE_{FF,y}$, $PE_{GP,y}$, $PE_{HP,y}$ are equal to zero and thus, $PE_y = 0$.

Leakage Emission:

Since the project activity instances to be included into the grouped project activity are renewable energy projects based on solar PV technology, no leakage emissions are considered - in line with paragraph 27 of the small scale methodology AMS.I.F (version 3.0)/04/

Net Emission reduction:

Reductions are calculated as follows:

$$ER_y = BE_y - PE_y$$

Where:

ER_y	=	Emission reductions in year *y* (t CO_2e/yr)
BE_y	=	Baseline emissions in year *y* (t CO_2/yr)
PE_y	=	Project emissions in year *y* (t CO_2e/yr)

Therefore, Net GHG Emission Reductions and Removals are calculated as follows:

$$ER_y = BE_y - PE_y$$

Year	Estimated baseline emissions or removals (tCO_2e)	Estimated project emissions or removals (tCO_2e)	Estimated leakage emissions (tCO_2e)	Estimated net GHG emission reductions or removals (tCO_2e)
28/12/2017 to 27/12/2018	142,963	0	0	142,963
28/12/2018 to 27/12/2019	142,391	0	0	142,391
28/12/20219 to	142,210	0	0	142,210

27/12/2020				
28/12/2020 to 27/12/2021	141,640	0	0	141,640
28/12/2021 to 27/12/2022	141,073	0	0	141,073
28/12/2022 to 27/12/2023	140,509	0	0	140,509
28/12/2023 to 27/12/2024	140,329	0	0	140,329
28/12/2024 to 27/12/2025	139,768	0	0	139,768
28/12/2025 to 27/12/2026	139,208	0	0	139,208
28/12/2026 to 27/12/2027	138,650	0	0	138,650
Total	**1,408,740**	**0**	**0**	**1,408,740**

3.4.7 Methodology Deviations

Assessment team confirms that No methodology deviation is applicable for the present project activity.

3.4.8 Monitoring Plan

Assessment team checked the monitoring practice onsite and also checked the guideline of respective State electricity regulatory commission. The detail analysis is as below:

Parameters determined ex-ante:

Baseline emission factor of Indian Grid is established ex-ante based on Tool to calculate the grid emission factor, using a combined approach consisting 75 % operating margin and 25 % build margin. The emission coefficient from official data published in Central Electricity Authority (CEA) CO_2 Baseline database available to the project participant at the time of submission of Joint VCS

PD & MR for Joint validation& Verification and global stakeholder's consultation process. CEA is an official source of Ministry of Power, Government of India have worked out baseline as CO_2 baseline database. The assumption were verified by the validation team and found to be correct.

Parameters determined ex-post:

The parameters monitored ex-post involves Quantity of net electricity generation by the project (Solar) plant/unit in year.

Data Measurement & Data collection and archiving

As per the Joint VCSPD & MR Version 02, Credit note/ JMR/Form B reports/ monthly generation report from respective state electricity board/DISCOM will be the source of data during verification. The DOE will use the same source for verification of emission reductions.

In accordance with the methodology requirement, net electricity supplied by the project activity is obtained from Credit note/ JMR/Form B reports/ monthly generation report from respective state electricity board/DISCOM issued by developer which provide input values used for calculation of $EG_{BL,y}$ by the project activity and forms the basis for emission reduction calculation. Electricity generated by the energy meter is metered by tri-vector energy meters of 0.2s accuracy class. The energy meter reading is taken Jointly on a fixed day of every month for the preceding month at the delivery point and signed by the representatives of state utility and O&M personnel.

The agency is experienced in the monitoring system and is managing O&M of numerous other Solar rooftop projects. The validation team therefore is of the opinion that the project participant through the O&M agency is capable of implementing the monitoring plan in the context of the project activity.

QA/QC Procedures

There energy meters of 0.2s accuracy class is installed at the respective project site. Calibration of all the meters is done by developers as per the industry standards. However, the calibration will be done once in a 5 year/18/ for all the project activity. The export and import energy will be measured continuously using above mentioned energy meter located after inverters. Readings of meters shall be taken on monthly basis by authorized officer of developer in the presence of PP or representative of PP. Based on the Meter Reading Statement, invoices will be raised. These invoices can be used for cross checking the meter readings taken for the respective project activity.

It is reported that the data will be kept for 2 years following the end of the crediting period or till the last issuance of VERs for the project activity whichever occurs later.

Organizational structure and responsibilities:

The responsibilities and authorities of project management, data handling and recording, measurement methods and QA/QC procedure have been systematically established and formalized and the same was verified during the site visit.

Emergency preparedness

The project activity will not result in any unidentified activity that can result in substantial emissions from the project activity. No need for emergency preparedness in data monitoring is visualized.

Sampling Approaches

Not required

Personnel training

In order to ensure a proper functioning of the project activity and a properly monitoring of emission reductions, the staff will be trained. The plant helpers will be trained in equipment operation, data recording, reports writing, operation and maintenance and emergency procedures in compliance with the monitoring plan.

3.5 Non-Permanence Risk Analysis

Not applicable for the present project activity.

4 VERIFICATION FINDINGS

4.1 Accuracy of GHG Emission Reduction and Removal Calculations

Means of verification	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the Joint VCS PD & MR. The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the monitoring plan of the Joint VCS PD & MR.
Findings	CAR 01& CAR 05raised on this section and closed successfully. Please refer Appendix 2 for further details
Conclusion	The baseline Emissions for a given year is calculated by multiplying the energy baseline (EB) with the regional grid emission factor. The grid in this case would be the 'Indian Grid' **Formula Used:-** $BE_y = EG_{BL,y} * EF_{CO2,y}$ Where: BEy: Baseline emissions in year y (tCO_2e/yr)

$EG_{BL, y:}$ Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the VCS project activity in year y (MWh/yr)

$EF_{CO2,y}$: Combined margin CO_2 emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system" (tCO_2e/MWh)

Parameter	Unit	Value
$EG_{BL, y}$	MWh	73,585.61
$EF_{CO2,y}$	tCO_2e	0.9368
BEy	=	73,585.61* 0.9368
	=	68,935(rounded down values)

Project Emission:

As per methodology AMS I.F. Version 3.0 for renewable energy projects, there is no any project emissions occurred.

Hence, $PE_y = 0$

Leakage Emission:

As per methodology AMS I.F. Version 3.0 for renewable energy projects, there is no any leakage emissions occurred.

Hence, $LE_y = 0$

Net Emission reduction:

Reductions are calculated as follows:

$$ER_y = BE_y - PE_y$$

$$= 68,935 - 0 = 68,935\ tCO_2$$

The verification team has checked the entire monthly JMR report and invoices applicable for the monitoring period as per the project activity applied for verifications and found all the parameters are monitored and recorded as per the monitoring plan in the Joint VCS PD & MR. The verification team has crosschecked the emission reduction sheet and monitoring report data with the JMR sheet and invoice bills and found all the values are matching.

4.2 Quality of Evidence to Determine GHG Emission Reductions and Removals

Means of verification	The verification team checked the break down log for the monitoring period. During the verification site visit the feeder wise location of the project is also checked. The Calibration details of the monitoring meters are also checked with calibration certificates.

Findings	CR#1 & CAR 07 raised on this section and closed successfully. Please refer Appendix 2 for further details
Conclusion	The metering arrangement is tri-vector bi-directional energy meters (at the plant sites). These meters record several parameters including electricity generated. Moreover, the meters are of accuracy class of 0.2s for each project activity applied for verification. These electricity meters are being used by developer for share generation certificate. The Net electricity generated by project activity is then measured through energy meter. The net electricity generated is also cross checked from the invoices raised to respective user which is in line with Methodology requirement. Hence assessment team confirmed that the value of net electricity generation as used in emission reduction calculation is correct. The generation reading is taken Jointly from developer and user on a fixed day of every month for the preceding month at the delivery point and signed by the representatives of user and developer/O&M personnel. In the event of failure of generation meter, the user energy meter or inverter generation value will be used in monitoring the electricity generation data. The validation team therefore is of the opinion that the project participant through the O&M agency is capable of implementing the monitoring plan in the context of the project activity. Calibration of all the meters is done by developer/O&M as per the industry standards. However, the calibration is done once in a 5year/18/. The details of Calibration of the meters are mentioned in Appendix 5 of this report. It is reported that the data will be kept for 2 years following the end of the crediting periodor till the last issuance of VERs for the project activity whichever occurs later. The responsibilities and authorities of project management, data handling and recording, measurement methods and QA/QC procedure have been systematically established and formalized and the same was verified during the site visit. On-site visit and interview with O&M personnel also confirms that the operational and organizational chart as mentioned in Joint VCS PD & MR is as per the site practice and thus assessment team confirms that the details are correct. The break down log is checked and found that the plant undergone scheduled maintenance and break down. No unforced error observed.

5 VALIDATION AND VERIFICATION CONCLUSION

VALIDATION CONCLUSION:

Applus+ Certification has been engaged by **EKI Energy Services Ltd.**to perform the Joint validation and verification of the "Energising Indian homes by Solar rooftop projects"

The management of the project participant/owner is responsible for the preparation of the GHG emissions data and the reported/estimated GHG emissions reductions on the basis set out within the project's Monitoring Plan in the Joint VCS PD & MR and the approved methodology AMS I.F. version 3.0.0.

Our Validation approach was based on the requirements as defined under the Kyoto Protocol, Marrakesh accord, as well as those defined by the CDM Executive Board and VCS board. Our approach is risk-based, drawing on an understanding of the risks associated with estimated GHG emissions data and the controls in place to mitigate these. The validation can confirm that:

- The projects description compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS standard version 4.0

- The project's baseline and additionality are assessed against "AMS I.F. version 3.0.0" for small scale project

- The project's monitoring plan is assessed against "AMS I.F. version 3.0.0" for small scale project

- A risk based approach has been followed to perform this validation activity. The review of the project description and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews with Project Owner have provided LGAI Technological Center S.A. (Applus+ Certification) with sufficient evidence for positive validation opinion as per the requirement of VCS.

The conclusions of this report demonstrate that the proposed VCS project, as described in the VCS PD, conforms to all applicable validation criteria.

VERIFICATION CONCLUSION:

Our Verification approach was based on the requirements as defined under the Kyoto Protocol, Marrakesh accord, as well as those defined by the CDM Executive Board. Our approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. The verification can confirm that:

- the project is operated as planned and described in the project document;
- the monitoring plan is as per the applied methodology;
- the monitoring process in Monitoring Report is as per the PD

- the development and maintenance of records and reporting procedures are in accordance with the monitoring plan;
- the installed equipment being essential for generating emission reduction runs reliably and is calibrated appropriately
- the monitoring system is in place and generates GHG emission reductions data;
- the GHG emission reductions are calculated without material misstatements.
- No limitation observed for the present verification

In our opinion the GHG emissions reductions reported for the project activity for the period 28/12/2017 to 30/11/2019 are fairly stated in the Joint VCS PD & MR Version 02 dated 23/12/2019. The GHG emission reductions were calculated correctly on the basis of the approved baseline and monitoring methodology AMS I.F. version 3.0.0, and the VCS standard version 4.0.

Verification period: 28/12/2017 to 30/11/2019(first and last date included)

Verified GHG emission reductions and removals in the above verification period:

Year	Baseline emissions or removals (tCO2e)	Project emissions or removals (tCO2e)	Leakage emissions (tCO2e)	Net GHG emission reductions or removals (tCO2e)
28/12/2017 to 31/12/2017	19	0	0	19
01/01/2018 to 31/12/2018	15,335	0	0	15,335
01/01/2019 to 30/11/2019	53,581	0	0	53,581
Total	**68,935**	0	0	**68,935**

Vintage wise emission reductions according to SPV are as follows:

SPV names	2017	2018	2019
Azure Power Forty Four Private Limited	-	3742	11461
Azure Sunlight Private limited	8	833	1157
Azure Power Mercury Private limited	-	1736	2703
Azure Power Thirty Eight Private Limited	-	1524	10898

Azure Power Rooftop One Private Limited	-	1211	5377
Azure Power Rooftop Four Private Limited	-	108	1817
Azure Power Genco Private Limited	-	-	660
Azure power Saturn Private Limited	11	6072	10565
Azure Power Rooftop Three Pvt.	-	109	8943
Total (tCO_2e)	**19**	**15,335**	**53,581**
			68,935

The estimated emission reductions for the current monitoring period is 153,008 tCO_2e whereas actual emission reductions achieved are 68,935 tCO_2e which is approximately 54% lower. The lower emission reductions are attributed to lower PLF observed during the current monitoring period which is due to lower solar isolation and is nature dependent. Hence no further explanation is required.

APPENDIX 1: DOCUMENTS REVIEWED DURING VALIDATION AND VERIFICATION

Ref. No	Title of Document	Version	Date
1	VCS Project description (VCS PD)	1.0	22/11/2019
		2.0	23/12/2019
2	Emission Reductions Calculation Spread sheet	1.0	22/11/2019
		2.0	23/12/2019
3	Commissioning certificates		28/12/2017 to 30/11/2019
4	AMS I.F. "Renewable Electricity Generation for captive use and Mini-grid"	3.0	EB81
5	Tool to calculate the emission factor for an electricity system	07.0	EB 100 Annex 4
6	VCS pipeline: https://www.vcsprojectdatabase.org/ -/pipeline_details/PL2038	-	-
7	Power purchase agreements(PPAs)	-	28/12/2017 to 30/11/2019
8	Local stakeholder documents – • Public notice • Attendance sheet • Comments sheet • Photographs	-	15/01/2018 to 23/10/2019
9	Clean Development Mechanism Validation and Verification Standard	02.0	29/11/2018
10	Detailed Project Report (DPR)	-	
11	CO_2 baseline database published (in Dec 2018) by Central Electricity Authority, Govt. Of India	14	December 2018
12	Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2016	-	29/04/2016
13	Detailed procedure on REC mechanism dated 01/06/2010 by Central Electricity Regulatory Commission (http://www.nerldc.org/Docs/Order_for_Detailed_Procedure_01-06-2010.pdf) REC registry (Source : https://recregistryindia.nic.in/)	-	-
14	VCS Standard	Version 4.0	19/09/2019
	VCS Program Guide	Version 4.0	19/09/2019

	VVS, latest version by CDM	Version 02.0	29/11/2018
15	CDM Project Standard for project activities	Version 2	EB93 annex 4
16	CDM project cycle procedure for project activities	Version 2	EB93 annex 6
17	Letter of undertaking/declarations from PP regarding not having created or sought any other form of environmental creditsand other GHG programs for the project	-	22/11/2019
18	Central Electricity Authority (Installation and Operation of Meters) Regulations Notified on 17/03/2006 No. 502/70/CEA/DP&D Amendments Notified on 26/06/2010 No. 502/6/2009/DP&D/D-I CERC Regulation (2016) http://www.cercind.gov.in/2016/regulation/124_1.pdf	- -	17/03/2006 06/04/2016
19	Site visit attendance sheet,photographs	-	18/12/2019& 19/12/2019
20	VCS Listing Representation	-	22/11/2019
21	Communication Agreement for VCS representation	-	22/11/2019
22	Ministry of Environment and Forest notification dated 14/09/2006		14/09/2006
23	EIA Notification, 2006 (Annexure -2, MoEF&CC, OM on J-11013/41/2006-IA.II (I) dated7th July 2017)	-	07/07/2017
24	Tool for the demonstration of additionality of small- scale project activities	13	EB105, Annex 4
25	JMR and invoices		28/12/2017 to 30/11/2019
26	Calibration Certificates		28/12/2017 to 30/11/2019
27	Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations , 2016	-	29/04/2016
28	Income Tax Act 1961 (Source: Appendix IA of Income Tax Rules) http://www.cercind.gov.in/2016/orders/SORE.pdf	-	-
29	IT depreciation rate http://www.incometaxindia.gov.in/charts%20%20tables/depreciation%20rates.htm	-	-
30	Tool for the demonstration and assessment of additionality	07.0.0	EB 70, Annex 8
31	TOOL27 Methodological tool: Investment analysis	09.0	EB 101,Annex 11

APPENDIX 2: Findings Overview

Findings Overview Summary

Type	CAR	CR	FAR
Total Number raised	07	01	00

Table 1: Remaining FAR from validation and/or previous verification

FAR ID	N/A	Section no.	N/A	Date:N/A
Description of FAR				
N/A				
Project participant response				Date:N/A
N/A				
Documentationprovidedby Project participant				
N/A				
DOE assessment				Date:N/A
N/A				

Table 1.CR from this validation and verification

CR ID	01	Section no.	PD and MR	Date :22/12/2019
Description of CL				
PP is requested to submit following documents: 1. Commissioning Certificates 2. Power Purchase Agreement 3. Invoice 4. B-Form/JMR 5. Calibration certificates 6. Stakeholder consultation documents 7. Undertaking from PP as required by section 1.12.2, 1.12.3 and 1.12.4				
Project participant response				Date: 23/12/2019
Section 1.12.2, 1.12.3 and 1.12.4 has been updated in revised PD.				
Documentation provided by project participant				
1. Commissioning Certificates 2. Power Purchase Agreement 3. Invoice 4. B-Form/JMR 5. Calibration certificates 6. Stakeholder consultation documents				
DOE assessment				Date:29/12/2019
Assessment team confirm receipt of all documents as required and confirm that all documents are inline with requirements. Hence acceptable CR#1 Closed				

Table 2.CAR from this validation and verification

CAR ID	01	Section no.	Section 1.1	Date :22/12/2019
Description of CAR				
1. PP is requested to include location of all plant in section 1.1 of Joint PD and MR 2. PP is requested to check capacity of plants it's not consistent with ER sheet 3. PP is requested to check ER numbers it's not matching with ER sheet.				

Project participant response	Date: 23/12/2019
Documentation provided by project participant	
Section 1.1 of the joint PD and also ER sheet has been updated.	
DOE assessment	**Date:**29/12/2019
Assessment team confirm that PP has updated section 1.1 of the Joint VCS PD and MR. CAR#1 Closed	

CAR ID	02	Section no.	PD Section 1.7 and 3.4	Date :22/12/2019
Description of CAR				
PP is requested to include exact emission reduction period in year 2017 and 2027 in section 1.7 and 3.4 of Joint PD and MR				
Project participant response				**Date:** 23/12/2019
Section 1.7 and 3.4 of the joint PD and MR has been updated.				
Documentation provided by project participant				
5)				
DOE assessment				**Date:**29/12/2019
Assessment team confirm that PP has updated section 1.7 and 3.4 with exact crediting period start date and end date. Which is acceptable. CAR#2 Closed				

CAR ID	03	Section no.	PD Section 1.9	Date :22/12/2019
Description of CAR				
1. PP is requested to include GPS co-ordinates of all locations as per template requirement in section 1.9 of joint PD and MR. 2. PP is requested to include political map of India 3. PP is requested to include kml file screenshot.				
Project participant response				**Date:** 23/12/2019
GPS co-ordinates, map has been updated in revised PD and MR.				
Documentation provided by project participant				
6)				
DOE assessment				**Date:**29/12/2019
Assessment team confirm that as project boundary includes whole country India PP has included map of India. Which is acceptable. CAR#3 Closed				

CAR ID	04	Section no.	PD Section 2.3	Date :22/12/2019
Description of CAR				
PP is requested to clarify how N2O and CH4 will emit from Solar power project mentioned in section 2.3.				
Project participant response				**Date:** 23/12/2019
Section 2.3 has been updated in revised PD and MR.				
Documentation provided by project participant				
7)				
DOE assessment				**Date:**29/12/2019

Assessment team confirm that PP has updated section 2.3 and corrected N2O and CH4 emissions. Hence acceptable CAR#4 Closed

CAR ID	05	Section no.	PD Section 3.1	Date :22/12/2019
Description of CAR				
PP is requested to include baseline emission sample calculation in section 3.1 of Joint PD and MR.				
Project participant response				Date: 23/12/2019
section 3.1 has been updated in revised of Joint PD and MR				
Documentation provided by project participant				
8)				
DOE assessment				Date:29/12/2019
Assessment team confirm that PP has included baseline emission sample calculation in section 3.1 of revised Joint PD and MR. CAR#5 Closed				

CAR ID	06	Section no.	PD Section 4.2	Date :22/12/2019
Description of CAR				
PP is requested to include monitoring plan as per AMS I.F methodology current monitoring plan only include AMS I.D. methodology details.				
Project participant response				Date: 23/12/2019
Monitoring Plan has been updated as required by methodology				
Documentation provided by project participant				
9)				
DOE assessment				Date:29/12/2019
Assessment team confirm that PP has updated monitoring plan as per AMS I.F methodology and deleted AMS I.D monitoring plan as it was not inline for rooftop solar projects. CAR#6 Closed				

CAR ID	07	Section no.	PD Section 6.5	Date :22/12/2019
Description of CAR				
PP is requested to include calibration details of all meters installed at project locations include in current grouped project. PP is requested to include comparison of net GHG emission reduction in current monitoring period and ex-ante emission reduction.				
Project participant response				Date: 23/12/2019
Calibration details of all meters installed has been incorporated in revised PD and MR.				
Documentation provided by project participant				
10) Revised VCS PD and MR				
DOE assessment				Date:29/12/2019
Assessment team confirm that PP has included calibration details of all meters and comparison of net GHG emission reduction in current monitoring period and ex-ante emission reduction in revised joint VCS PD and MR. Hence accepted CAR#7 Closed				

Table 3.FAR from this validation

FAR ID	N/A	Section no.	N/A	Date:N/A

Description of FAR	
N/A	
Project participant response	**Date:**N/A
N/A	
Documentation provided by Project participant	
N/A	
DOE assessment	**Date:** N/A
N/A	

APPENDIX 3: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS

According to the sectoral scope / technical area and experience in the sectoral or national business environment, Applus+ Certification has composed a project assessment team in accordance with the appointment rules in the internal Quality Management System of Applus+ Certification.

The composition of audit team shall be approved by the Applus+ Certification ensuring that the required skills are covered by the team.

The four qualification levels for team members that are assigned by formal appointment rules are as presented below:

- Lead Auditor (LA).
- Auditor (A) / Auditor in Training (AiT).
- Technical Expert (TE).
- Technical Reviewer (TR).

The sectoral scope / technical area knowledge linked to the applied methodology/ies shall be covered by the assessment team.

Name	Qualification	Coverage of scope	Coverage of technical Area	Financial aspect	Host country Experience	Attendance to the On-Site Assessment
Vivek Kumar Ahirwar	Lead Auditor (LA) & Technical Expert (TE)	Yes (1)	Yes (1.2)	N/A	Yes	Yes
Simon Shen	Technical Reviewer (TR)	Yes (1)	Yes (1.2)	N/A	N/A	N/A

The curricula vitae of the DOE's team members are provided below:

Vivek Kumar Ahirwar is a BEE-Certified Energy Auditor by Govt of India with over eight years of relevant experience in energy efficiency, energy audit, thermal and electrical energy generation technology from renewable source and energy conservation in energy intensive industries, designated consumers and commercial buildings, implementation of energy conservation building codes, research, process and green building projects. He is a certified lead auditor for ISO 14001 EMS and 14064. He has experience under various categories of projects stating from renewable to waste to supercritical projects and WCD. He has successfully audited more than 100 GHG (CDM/VCS/GS) projects in different states across the India. He has done Mater in Technology (Energy Management) from a premier institute, School of Energy& Environmental Studies, DAVV, Indore (M.P.), India and Bachelor of Engineering (Mechanical Engineering) from Govt. Engineering college, Rewa, RGPV, India.

Simon Shen (Master Degree in Thermal Energy Engineering, Bachelor Degree in Environmental Engineering) is a Lead Auditor appointed by Applus+ LGAI for the GHG project assessment. He is based in Shanghai. He has several years of work experience in environmental protection field. Before he joined

Applus+ LGAI, he had been worked for TÜV SÜD as a GHG Validator/Verifier and ISO 9001/14001 Lead Auditor for 3.5 years.

APPENDIX 4: ABBREVIATIONS

ABT	Availability Based Tariff
AMS	Approved Methodology Standard
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CEA	Central Electricity Authority
CL	Clarification Request
DISCOM	Distribution company
DPR	Detailed Project Report
EB	Executive Board
EIA	Environmental Impact Assessment
EPC	Engineering and Procurement Contractor
ER	Emission Reductions
FAR	Forward Action Request
GHG	Greenhouse Gases
ISO	International Organization for Standardization
JMR	Joint Meter Readings
LCS	Local Controller System
MGRs	Monthly Generation Reports
MoEF	Ministry of Environment and Forest
MP	Monitoring Period
MR	Monitoring Report
MW	Mega Watt
MWh	MegaWatt hour
OM	Operating Margin
O&M	Operation & Maintenance
PD	Project Description

PP	Project proponent
PPA	Power Purchase Agreement
QA/QC	Quality Assurance/Quality Control
REC	Renewable Energy Certificates
tCO_2	Tonnes of Carbon Dioxide
UNFCCC	United Nations Framework Convention on Climate Change
VCS	Verified Carbon Standard
VCSA	Verified Carbon Standard Association
VCU	Verified Carbon Unit

APPENDIX 5: CALIBRATION DETAILS

Since metering arrangement, monitoring practice, accuracy class, calibration interval is under control of state electricity board, the PP do not have any control on monitoring practice and calibration of meters. Being Green field project activity and commissioned within 2 years, all meters are used for monitoring purpose are pre calibrated before installation as per state electricity board regulations, thus installed pre calibrated meters have validity of calibration till 5 years of commissioning date. The current monitoring period is within 2 years of commissioning date, thus all meter's initial calibration is valid for current monitoring period. The meters are tested by state electricity board during commissioning; thus all meters have valid calibration period during current monitoring period. The below mentioned meter and calibration details are for current monitoring period, and the same will be changed in future. The Energy Meters details used for commissioned project activity is as below.

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL1_Railway_Agra_Cantt	722.8	XC455556	0.2 s
		XC455555	0.2 s
		XC455552	0.2 s
		XC467955	0.2 s
		XC462790	0.2 s
		XC462797	0.2 s
		XC462795	0.2 s
		XC462798	0.2 s
REMCL1_Bhavnagar DRM office	74.88	XC440558	0.2 s
REMCL1_DRM Office_Jhansi	215.14	XC462792	0.2 s
		XC462821	0.2 s
		XC462809	0.2 s
REMCL1_Ajmer_Railway_Stn	498.96	XC462439	0.2 s
		XC462434	0.2 s
		XC462440	0.2 s
		XC462443	0.2 s
		XC482446	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC462445	0.2 s
REMCL1_Ajmer Railway Hospital	15.12	XC462437	0.2 s
REMCL1_ Idgah Running room	4.72	XC467962	0.2 s
REMCL1_DRM Office Agra	10.08	XC467953	0.2 s
REMCL1_Idgah Railway Stn.	19.84	XC467963	0.2 s
REMCL1_DRM Canteen Jhansi	5.04	XC462405	0.2 s
REMCL1_Mirzapur Stn.	34.65	XC462782	0.2 s
REMCL1_Railway Hospital_Jhansi	55.44	XC462805	0.2 s
REMCL1_Old Driver Running Room, Kanpur	14.175	XC462817	0.2 s
REMCL1_New Driver Running Room Kanpur	15	XC462858	0.2 s
REMCL1_Rail Spring karkhana	528.25	XC462837	0.2 s
		XC462838	0.2 s
		XC462840	0.2 s
		XC462841	0.2 s
		XC462847	0.2 s
		XC462854	0.2 s
REMCL1_Mathura 2nd Entry gate	94.64	XC467965	0.2 s
		XC467906	0.2 s
REMCL1_Mathura Railway Stn.& Junction Entry	290	XC468965	0.2 s
		XC468973	0.2 s
		XC468989	0.2 s
		XC467966	0.2 s
REMCL1_AC Locoshed Jhansi	50.49	XC462793	0.2 s
		XC462794	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL1_Chattarpur Station	10	XC462843	0.2 s
REMCL1_Beawar Railway Stn.	14.8	XC462438	0.2 s
REMCL1_Power House_Khajuraho	18.9	XC462845	0.2 s
REMCL1_Kanpur Junction (Kanpur Central Platform Shed)	215	XC468961	0.2 s
		XC468937	0.2 s
		XC468942	0.2 s
REMCL1_Kanpur Main Building (Kanpur Central)	90	XC469000	0.2 s
		XC468943	0.2 s
REMCL1_DRM office_Bikaner	39.69	XD414310	0.2 s
REMCL1_Sabarmati Railway Hospital	106.785	XD440568	0.2 s
		XD440635	0.2 s
REMCL1_Sabarmati Railway Station	200.32	X0440650	0.2 s
		X0440578	0.2 s
REMCL1_Jodhpur Junction	576	XD429074	0.2 s
		XD429077	0.2 s
		XC464510	0.2 s
		XC464532	0.2 s
		XC464523	0.2 s
		XC464524	0.2 s
		XC464530	0.2 s
		XC464520	0.2 s
		XC429075	0.2 s
REMCL1_Railway Hospital_Bikaner	24.88	XD414306	0.2 s
REMCL1_PRS Building_Bikaner	34.65	XD414308	0.2 s
REMCL1_Washing Line_Bikaner	14.8	XD414309	0.2 s
REMCL1_Fatehpur Railway station	5.04	XC467973	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL1_Bindki Road Station	9	0R562001	0.2 s
		0R562002	0.2 s
REMCL1_ Mhow Railway Station	370	XC467895	0.2 s
		XC467890	0.2 s
		XC468915	0.2 s
		XC467904	0.2 s
		XC468918	0.2 s
REMCL1_Lakshmi Bai Nagar New Station Building	5.04	XC468861	0.2 s
REMCL1_Lakshmi Bai Nagar Old Station Building	5.04	XC468862	0.2 s
REMCL1_Ajnod Railway Station	5.04	XC468852	0.2 s
REMCL1_Mangliya Gaon Railway Station	5.04	XC468858	0.2 s
REMCL1_Ranayal Jasmiya Railway Station	5.04	XC464859	0.2 s
REMCL1_ Dewas Junction	19.84	XC468859	0.2 s
REMCL1_Pachama Relay & Battery Room	4.7	XC325648	0.2 s
REMCL1_Admin Block Locoshed, Kanpur	14.805	XC462819	0.2 s
REMCL1_ETC Building (ganga , yamuna, sindhi, godavari, chambal), kanpur	29.28	XC467975	0.2 s
		XC462832	0.2 s
		XC467957	0.2 s
		XC462780	0.2 s
		XC467958	0.2 s
		XC467974	0.2 s
REMCL1_Manikpur Rly Stn.	167.36	XC468944	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC468917	0.2 s
		XC468963	0.2 s
REMCL1_Tundla Junction	350.28	XC467969	0.2 s
		XC468954	0.2 s
		XC468978	0.2 s
		XC468980	0.2 s
REMCL1_Shankargarh Junction, Allahabad	19.8	XC462818	0.2 s
REMCL1_Agra Fort Station	169.6	XC468948	0.2 s
		XC462404	0.2 s
		XC467952	0.2 s
		XC468986	0.2 s
REMCL1_Aligarh Junction	181.98	X6467951	0.2 s
		XC467960	0.2 s
		XC467959	0.2 s
		XC467961	0.2 s
		XC468959	0.2 s
		XC468958	0.2 s
REMCL1_Allahabad Junction	675	XC468991	0.2 s
		XC468967	0.2 s
		XC468982	0.2 s
		XC468949	0.2 s
		XC468992	0.2 s
		XC468962	0.2 s
		XC468971	0.2 s
		XC467913	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL1_Abu Road Railway Station,	300	XC428455	0.2 s
REMCL1_Bhavnagar Terminus Waiting room Halll	25	XC428879	0.2 s
REMCL1_Bhavnagar Railway Hospital	35.2	XC428841	0.2 s
REMCL1_Durgapura Railway Station	70.56	XC429080	0.2 s
		XC429079	0.2 s
REMCL1_Railway_Hospital_Agra	55.44	XC455549	0.2 s
REMCL1_Sikar Railway Station	98.28	XC429084	0.2 s
REMCL1_Cheoki Junction	50	XC467918	0.2 s
REMCL1_MLR Coach factory Jhansi	1205.76	XC462835	0.2 s
		XC462400	0.2 s
		XC462822	0.2 s
		XC462785	0.2 s
		XC468952	0.2 s
		XC492403	0.2 s
		XC42834	0.2 s
		XC442808	0.2 s
		XC482802	0.2 s
		XC46887	0.2 s
		XC425824	0.2 s
		XC468998	0.2 s
		XC462803	0.2 s
		XC462804	0.2 s
REMCL1_Malwan Railway Station	10.71	XC467972	0.2 s
REMCL1_Naini Railway Station	165	XC467928	0.2 s
		XC467909	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC467930	0.2 s
		XC467926	0.2 s
		XC467908	0.2 s
		XC467917	0.2 s
REMCL1_Gandhinagar Railway Station	50.4	XD429082	0.2 s
REMCL1_Vindhyachal Stn.	40	XC462813	0.2 s
REMCL1_Reengus Railway Station	10.08	X0593239	0.2 s
REMCL1_Gatore Railway Station	10.08	X0593240	0.2 s
REMCL1_Wagon Workshop	2600	XC478072	0.2 s
		XC478070	0.2 s
		X0682508	0.2 s
		X0682510	0.2 s
		XC468997	0.2 s
		XC468969	0.2 s
		XC468988	0.2 s
		XC468950	0.2 s
		XC468955	0.2 s
		XC467950	0.2 s
		XC467947	0.2 s
		XC4628406	0.2 s
REMCL1_Firozabad Railway Station	24.96	XC467912	0.2 s
REMCL1_Jodhpur Workshop	440	XD429088	0.2 s
		XD429086	0.2 s
		XD414312	0.2 s
		XC464529	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD414313	0.2 s
		XD429087	0.2 s
REMCL1_Runija Station Building	10	XD496038	0.2 s
REMCL1_Bangrod Nagar Station Building RCC	10	XD541379	0.2 s
REMCL1_Kishangarh Railway Station	50.4	XD473993	0.2 s
REMCL1_RPF Barrack Chittorgarh	15	XD504227	0.2 s
REMCL_Running Room Chittorgarh Ratlam	35	XD521063	0.2 s
REMCL1_Daurai Railway Station	50.4	XE431886	0.2 s
REMCL1_Ahemdabad Junction	125	X0440631	0.2 s
		X0440574	0.2 s
		XD545189	0.2 s
		XD580944	0.2 s
		XD523168	0.2 s
REMCL1_Jaipur Railway station	500	XD577828	0.2 s
		XE431907	0.2 s
		XE431908	0.2 s
		XE431909	0.2 s
		XE431910	0.2 s
REMCL1_Jagjeevan Ram Hospital, Mumbai	199.68	XC468896	0.2 s
		XC468902	0.2 s
REMCL2_Traffic Building CSMT, Mumbai	110	XC468878	0.2 s
REMCL2_Egmore Station,Chennai	250	X0710260	0.2 s
		X0707828	0.2 s
		X0707826	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL2_Kalyan Railway Station	80	XD460391	0.2 s
REMCL2_Kurla _Railway Station	20.15	XD519023	0.2 s
Railway2_Tiruchapalli Station	200	X0710315	0.2 s
		X0707816	0.2 s
		XD478750	0.2 s
REMCL2_Trichlapally Junction	325.05	XD497928	0.2 s
		XD565969	0.2 s
		XD473525	0.2 s
		XD584814	0.2 s
REMCL1_Vasai Road Railway Station	95	XC468871	0.2 s
REMCL1_Running Room, Agra Cantt	24.96	XC468981	0.2 s
REMCL1_Pindwara Railway Station	14.175	XD476203	0.2 s
REMCL2_Kurla Railway Station	20.15	X0710345	0.2 s
REMCL1_Chandawal Railway Station	14.3	XD528925	0.2 s
REMCL1_Jawai Bandh Railway Station	24.885	XD472937	0.2 s
REMCL1_Borivali Railway Station	300	XC468867	0.2 s
		XC468356	0.2 s
		XC468869	0.2 s
		XC468870	0.2 s
REMCL1_Parcel Office, Waiting Hall, Sri Ganga Nagar	83	XD532513	0.2 s
		XD545866	0.2 s
REMCL2_Car Shed Admin building, Kalwa	54.92	X0707859	0.2 s
REMCL1_Mira Road station	115	XD542178	0.2 s
		XD513748	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD476310	0.2 s
		XD510197	0.2 s
REMCL1_Dhanu Road Railway Station	40	XD461320	0.2 s
REMCL2_Coimbatore Railway Station	100.1	XD544413	0.2 s
		XD490747	0.2 s
		XD509594	0.2 s
REMCL2_Diesel Loco Shed Motibag, Nagpur	124.78	XD524027	0.2 s
		XD548573	0.2 s
		XD515341	0.2 s
REMCL2_Madurai Junction	100	XD518526	0.2 s
		XD507238	0.2 s
		XD568218	0.2 s
REMCL1_Dholpur Junction railway station	94.8	XD566952	0.2 s
REMCL2_Salem Junction	100.1	XD585705	0.2 s
REMCL1_Madar Gate, Ajmer	75	XE431893	0.2 s
		XE431899	0.2 s
		XE431890	0.2 s
REMCL1_Shikohabad Railway Station	40	X0658689	0.2 s
		XC467934	0.2 s
		XC467923	0.2 s
REMCL1_Mela Shed Allahabad Junction	180	XD547902	0.2 s
		XD462072	0.2 s
REMCL1_Morena Railway Station	19.84	X0440663	0.2 s
REMCL1_Birlanagar Railway Station	35.28	XD544812	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
Railway2_DM Office	125.05	XD491576	0.2 s
Railway2_DRM Office	125.05	XD541122	0.2 s
		XD489167	0.2 s
		XD479599	0.2 s
		XD509122	0.2 s
		XD473280	0.2 s
		XD550542	0.2 s
REMCL1_Datia railway station	10.08	XC462401	0.2 s
REMCL1_Dabra railway station	24.96	XC462860	0.2 s
REMCL1_Indore Coaching Depot RCC	9.9	XC462857	0.2 s
REMCL1_Gautampura Railway Station	9.9	XC469834	0.2 s
REMCL1_Fatehabad Railway Station	9.9	XC462446	0.2 s
REMCL1_Maksi (MKC) Equipment Room	9.92	XC462824	0.2 s
REMCL1_Rajkot (RJT) OLD DRM	14.805	XC462754	0.2 s
REMCL1_Jaora Railway Station	15	XC46898	0.2 s
REMCL1_Rajkot (RJT) Railway Station	18.9	XC462403	0.2 s
REMCL2_ Swimmng Mughalsarai	20	XC462834	0.2 s
REMCL1_Indore Junction RCC	25	XC462808	0.2 s
REMCL1_Barnagar Railway Station	25	XC462802	0.2 s
REMCL1_Chittorgarh Railway Station	30	XC466887	0.2 s
REMCL2_ Mughalsarai Junction platform shed	35.1	XC462744	0.2 s
REMCL1_Naigaon Railway Station	40	XC498998	0.2 s
REMCL1_Dahanu Road Railway Station	40	XC478803	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL2_ Railway hospital Mughalsarai	40	XD542492	0.2 s
REMCL2_ DRM Building Mughalsarai	45	XD546907	0.2 s
REMCL1_Rewari	50.4	XD510864	0.2 s
REMCL2_Shoranur railway station	51	XD572374	0.2 s
REMCL2_ Station Building,Rajnandgaon railway staion	129.88	XD519820	0.2 s
		XD549231	0.2 s
		XD526722	0.2 s
REMCL1_Rajkot (RJT) Railway Hospital(OPD)	162.24	XD506830	0.2 s
		XD477656	0.2 s
		XD489400	0.2 s
REMCL1_Shambhupura (ROH) Railway Station	200	XD496907	0.2 s
		XD536658	0.2 s
		XD507820	0.2 s
		XD545571	0.2 s
REMCL1_Nagda (Platform No. 1) Railway Station	225.2	XD548768	0.2 s
		XD508617	0.2 s
		XD576573	0.2 s
REMCL1_Indore Railway Station	234.6	XD543864	0.2 s
		XD558414	0.2 s
		XD555025	0.2 s
		XD493081	0.2 s
REMCL2_ 2nd class waiting hall gondia	269.1	XD547536	0.2 s
		XD562970	0.2 s
		XD513139	0.2 s
		XD497156	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL2_ Mughalsarai Junction	998	XD540775	0.2 s
		XD566977	0.2 s
		XD553764	0.2 s
		XD584245	0.2 s
		XD588365	0.2 s
		XD540037	0.2 s
REMCL2_ Swimmng pool Mughalsarai	24	XD580582	0.2 s
REMCL2_ CWA New Station Building Chhindwara	169	XD496313	0.2 s
REMCL2_NOP ORH, Mount Road, Nagpur	39.7	XD578473	0.2 s
REMCL1_Nimbahera (NBH) railway station	12.5	XD492860	0.2 s
REMCL1_Mandsaur (MDS) Railway Station	40	XE431895	0.2 s
REMCL1_Neemach (NMH) Railway Station	49.92	XC462719	0.2 s
REMCL1_Sujhalpur Station	80	XC467775	0.2 s
REMCL1_Chittaurgarh (COR) Power House	17.96	XC464432	0.2 s
Railway2_Rajendranagar Rest House Building	20.15	XC460957	0.2 s
Railway2_Rajendranagar Gaurad Driver Running Room	30.225	XC489780	0.2 s
Railway2_Rajendranagar Station Buidling RNCC	60.45	XC460958	0.2 s
Railway2_Rajendranagar Station Buidling	75.075	XC467564	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
Railway2_Patna Central hospital	145.6	XC465944	0.2 s
		XD473052	0.2 s
		XD573651	0.2 s
		XD580133	0.2 s
Railway2_Patna station building	420.225	XC464917	0.2 s
		XD579861	0.2 s
		XD495933	0.2 s
		XD519813	0.2 s
Railway2_Raipur Railway Hospital	25.16	XC4675963	0.2 s
Railway2_Samastipur Officer Rest House	29.9	XC477969	0.2 s
Railway2_Samastipur Diesel Shed	69.875	XC498954	0.2 s
Railway2_DRM Building SPJ	100.1	XC498978	0.2 s
		XD503938	0.2 s
		XD494141	0.2 s
Railway2_Samastipur Station Building	110.175	XC478980	0.2 s
		XD533926	0.2 s
		XD477142	0.2 s
Railway2_Hospital SPJ	125.125	XC482818	0.2 s
		XD550484	0.2 s
		XD466100	0.2 s
REMCL2_Electric Loco Shed Royapuram	104	XC498948	0.2 s
		XD508615	0.2 s
		XD498718	0.2 s
REMCL2_Jolarpettai Workshop	50	XC442404	0.2 s
SECI_BSNL Max_1 Bhilai	15.28	XC457952	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_BSNL_Max_1_Rajnandgaon	40.3	XC488986	0.2 s
SECI_ICAR_CRIJAF	114.73	X6497951	0.2 s
		XD511542	0.2 s
		XD483390	0.2 s
		XD465348	0.2 s
		XD586536	0.2 s
SECI_Paradip Port	269	XC487960	0.2 s
		XD515381	0.2 s
		XD560489	0.2 s
		XD502268	0.2 s
		XD520430	0.2 s
SECI_Carriage and Wagon Workshop	1503.85	XC497959	0.2 s
		XD560652	0.2 s
		XD517607	0.2 s
		XD460753	0.2 s
		XD543246	0.2 s
		XD534457	0.2 s
		XD532420	0.2 s
SECI_Eastern Railway	2967.6	XC4997961	0.2 s
		XD553040	0.2 s
		XD478727	0.2 s
		XD562242	0.2 s
		XD578638	0.2 s
		XD586400	0.2 s
		XD571723	0.2 s
		XD510561	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_Behala TE	25.75	XC469659	0.2 s
SECI_BSNL TE Chinnakkada	25.36	XC469958	0.2 s
SECI_Barrackpore TE	30	XC464991	0.2 s
SECI_Cossipore TE BSNL	30.22	XC498967	0.2 s
SECI_BSNL Telephone bhawan	30.22	XC46982	0.2 s
SEI_BSNL Kodangallur	30.225	XC469949	0.2 s
SECI_BSNL Changanassery	30.225	XC466992	0.2 s
SECI_BSNL Auto exchange	30.23	XC478962	0.2 s
SECI_BSNL Irinjalakkuda	30.55	XC498971	0.2 s
SECI_BSNL Thiruvalla	30.55	XC464913	0.2 s
SECI_Barasat TE	35	XD527846	0.2 s
SECI_Tribeni TE	35	XD571824	0.2 s
SECI_BSNL Pala, Kottayam	35.425	XF437097	0.2 s
SECI_BSNL Vellayatamblam	35.75	X0891531	0.2 s
SECI_Baghbazar TE	41.3	X0942626	0.2 s
SECI_National Council Of Science Museum	40.3	XF437094	0.2 s
SECI_BSNL Uttarpara TE	40.3	XD584035	0.2 s
SECI_BSNL Kalighat TE	40.3	XD579355	0.2 s
SECI_Institute of Hotel Management and Catering Technology	40.625	XD486293	0.2 s
SECI_BSNL Vellayil, Calicut	40.625	XD500668	0.2 s
SECI_BSNL Admin Bulding	40.625	XD466358	0.2 s
SECI_BSNL TE Cherthala	40.625	XD552729	0.2 s
SECI_BSNL Kannur	40.8	X0891542	0.2 s
SECI_Birla Industrial & Technical Museum	40.95	XDE55801	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_ICAR_Central Plantation Crops Research Institute	45.175	ORU41171	0.2 s
SECI_BSNL Medical College	45.5	XD514438	0.2 s
SECI_National Institute of Homeopathy 2	51.375	XD455799	0.2 s
		ORU41177	0.2 s
		ORU41134	0.2 s
		ORU41135	0.2 s
		ORU41131	0.2 s
SECI_BSNL Sanchar Nigam Thrissur	55.25	ORU41129	0.2 s
SECI_SCTIMST, Medical Institute	60.125	XD587460	0.2 s
SECI_BSNL Malacaud, Trivandrum	65	XD582021	0.2 s
SECI_Science City	66	XD455738	0.2 s
SECI_NSCBTTC BSNL Kolkata	70	ORU41170	0.2 s
Oberoi_Vanyavilas	30	XD564942	0.2 s
Oberoi Nariman Point	30.4	X0440517	0.2 s
Oberoi_Rajvilas	46.08	XD456320	0.2 s
		XD428979	0.2 s
		XD428986	0.2 s
		XD428982	0.2 s
Oberoi_ Maidens	71	XD428978	0.2 s
		XC462828	0.2 s
		XC462827	0.2 s
Oberoi Flight Service	89.77	XC462829	0.2 s
GEDCOL_BJB College	203.94	17149062	0.2 s
		XD571697	0.2 s
		XD550259	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD537294	0.2 s
		XD586900	0.2 s
GEDCOL_Drugs Control Deptt	53.86	XD455789	0.2 s
GEDCOL_CET	187.11	ORU46177	0.2 s
		XD497130	0.2 s
		XD576847	0.2 s
GEDCOL_Offc of Chief Engg RW	40	XD585277	0.2 s
GEDCOL_Surgery Ward	40.005	ORU41635	0.2 s
GEDCOL_Eye Care Deptt	45.99	ORU44531	0.2 s
GEDCOL_OPTCL	152.46	ORU41899	0.2 s
		XD554021	0.2 s
		XD468726	0.2 s
		XD522427	0.2 s
		XD492954	0.2 s
		XD574162	0.2 s
GEDCOL_OMC Building	15	XD450766	0.2 s
GEDCOL_Department of Automobile, Mechanical department of BOSE	8.82	XD461619	0.2 s
GEDCOL_Engineering school of BOSE	16.01	XD462903	0.2 s
GEDCOL_High school and boys hostel of BOSEHigh school and boys hostel of BOSE	25	XD456151	0.2 s
GEDCOL_Biju Patnayak Film And Television Institute of Odisha	46.94	XD459530	0.2 s
GEDCOL_Unit 9 Girl School	10	XD482778	0.2 s
GEDCOL_Govt. ITI College	30.4	XD483758	0.2 s
GEDCOL_Capital Hospital	125	XD484495	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
GEDCOL_Maharishi College of Natural Law	9.45	XD450974	0.2 s
GEDCOL_Odisha State Guest House	25	XD455982	0.2 s
GEDCOL_Dental department new and old building	38.4	XD472479	0.2 s
GEDCOL_SECHA SADAN	75	XD487785	0.2 s
GEDCOL_City Hospital	80	XD469707	0.2 s
GEDCOL_Central Library	150	XD451163	0.2 s
		XD479669	0.2 s
		XD461344	0.2 s
GEDCOL_SLDC Building	15	XD476310	0.2 s
GEDCOL_Old Circuit House	16	XD457917	0.2 s
GEDCOL_Rajdhani College 24.32 KWp	25	XD466835	0.2 s
GEDCOL_CET 2	111.1	XD462843	0.2 s
		XD561537	0.2 s
		XD463082	0.2 s
GEDCOL_CET 3	129.09	XD516310	0.2 s
		XD551392	0.2 s
		XD490495	0.2 s
		XD576938	0.2 s
		XD513736	0.2 s
GEDCOL_CET 2&3	240.19	XD494335	0.2 s
		XD477545	0.2 s
		XD575312	0.2 s
		XD576226	0.2 s
		XD527271	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
DJB Avantika	293.48	XD461979	0.2 s
REMCL1_Sehore Electrical Office	4.41	XD460044	0.2 s
GEDCOL_IIIT Bhubaneswar	60.8	XD481688	0.2 s
SECI_PWSSB, WTP Rajpura	149.825	XD489421	0.2 s
		XD489422	0.2 s
		XD489423	0.2 s
GEDCOL_National Law University	270.27	XD475669	0.2 s
		XD475670	0.2 s
		XD475671	0.2 s
		XD475672	0.2 s
		XD475673	0.2 s
HAL	6000	XD488239	0.2 s
		XD559471	0.2 s
		XD499490	0.2 s
		XD546727	0.2 s
		XD470415	0.2 s
		XD480063	0.2 s
		XD502041	0.2 s
		XD502541	0.2 s
		XD522565	0.2 s
		XD567458	0.2 s
		XD467248	0.2 s
		XD521276	0.2 s
		XD578162	0.2 s
		XD467062	0.2 s
		XD577946	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD479324	0.2 s
		XD524476	0.2 s
		XD507366	0.2 s
		XD474018	0.2 s
DJB Deear Park	41.6	XD460001	0.2 s
Railway2_Palakkad Junction	50	XD468803	0.2 s
Oberoi_Trident Chennai	79.04	XD468673	0.2 s
GEDCOL_Office of the Engineer in Chief (Electricity)	10.88	XD484231	0.2 s
GEDCOL_New Circuit house	11.97	XD463785	0.2 s
GEDCOL_Firestation	23.94	XD459218	0.2 s
GEDCOL_Dr. Abhin Chandra	25.2	XD465068	0.2 s
GEDCOL_Utkal Sangeet Mahavidyalaya	290.925	XD451801	0.2 s
		XD584962	0.2 s
		XD518676	0.2 s
		XD464681	0.2 s
Railway2_Kozhikode Railway Station	100	XD530016	0.2 s
Etawah Junction railway station	49.92	XD474572	0.2 s
DJB Rohini Sector 19	116.67	XD473033	0.2 s
		XD571424	0.2 s
SECI_BSNL Office Urla	150	XD489798	0.2 s
		XD465705	0.2 s
		XD502280	0.2 s
		XD577879	0.2 s
Railway2_Kannur Railway Station	50	XD484321	0.2 s
GEDCOL_Govt. ITI Cuttack	58.24	XD482879	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
BRCP station	177.6	XD455420	0.2 s
		XD496181	0.2 s
		XD504351	0.2 s
		XD557166	0.2 s
GEDCOL_Ramadevi Extension	54.72	XD469265	0.2 s
REMCL1_SJP ShujalpurTRD Office	8.82	XD450178	0.2 s
GEDCOL_Madhusudan Das Regional Academy Admin Block 12.16 KW	10	XD470284	0.2 s
GEDCOL_Govt. Boys High School Unit1	10.88	XD453953	0.2 s
GEDCOL_Govt. Boys High School Unit8	10.88	XD470470	0.2 s
GEDCOL_Circle Office BCDD1	21.76	XD486856	0.2 s
GEDCOL_Madhusudan Das Regional Academy Guest House 30.72 KW	30	XD463228	0.2 s
Pratapnagar (PRTN) railway hospital	60.48	XD468870	0.2 s
Pratapnagar (PRTN) DRM office	98.28	XD468604	0.2 s
		XD521211	0.2 s
		XD516263	0.2 s
Railway2_Shoranur	50.70	XD452568	0.2 s
NAIR, Pratapnagar	20.16	XD472916	0.2 s
NAIR, Pratapnagar_	78.9	XD453391	0.2 s
Railways2_Railway Armary Bilaspur	350.1	XD478069	0.2 s
DMRC Bahadurgarh	784	XD481458	0.2 s
		XD523755	0.2 s
		XD549705	0.2 s
		XD478218	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD503985	0.2 s
		XD480419	0.2 s
JNV_Chara	60.125	XD561972	0.2 s
JNV_Kurud	70.075	XD482913	0.2 s
Railway2_Gaya Junction	211.58	XD452268	0.2 s
		XD587022	0.2 s
		XD465386	0.2 s
REMCL2_Arakonnam Railway Stattion AJJ	50	XD465338	0.2 s
DJB Trilokpuri BPS	25	XD473426	0.2 s
DJB Surajmal BPS	15.6	XD450261	0.2 s
DJB Sarita Vihar BPS	17.55	XD473062	0.2 s
DJB Apollo Booster BPS	25	XD477624	0.2 s
DJB New Kondli BPS	40	XD472522	0.2 s
DJB Vasundhra BPS	43.25	XD452553	0.2 s
DJB Jagatpuri BPS	100	XD470452	0.2 s
		XD533977	0.2 s
		XD466076	0.2 s
		XD509810	0.2 s
DJB Mubarakpur	10	XD487604	0.2 s
DJB Rohini Sec 11 BPS	40	XD464282	0.2 s
Railways2_Railway hindi medium school bilaspir	40.63	XD458555	0.2 s
DJB Kirari BPS	220	XD485429	0.2 s
		XD522249	0.2 s
		XD527264	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD536630	0.2 s
DJB Iradat Nagar BPS	75	XD468548	0.2 s
REMCL2_Katpadi Railway Station KPD	50	XD468139	0.2 s
REMCL2_Tambaram Railway Station TBM	50	XD474927	0.2 s
DJB Dwarka Command Tank 1	50	XD484588	0.2 s
BSNL, MI Road Jaipur, Rajasthan	105.3	XD467006	0.2 s
		XD575007	0.2 s
		XD535299	0.2 s
BSNL BAJAJ NAGAR	55.25	XC374878	0.2 s
		XD473293	0.2 s
Railway2_Diesel Shed_BMY	100.1	XC372858	0.2 s
		XD518366	0.2 s
		XD524188	0.2 s
BSNL TE Alambagh	298	XC408933	0.2 s
		XD486104	0.2 s
		XD544385	0.2 s
SECI GBU NOIDA	50.05	XC380968	0.2 s
DJB Nangoli	75	XC386407	0.2 s
BSNL Saket Nagar	2840	XC377903	0.2 s
		XD466509	0.2 s
		XD580193	0.2 s
		XD538921	0.2 s
		XD548259	0.2 s
		XD589837	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD463537	0.2 s
		XD483615	0.2 s
		XD486665	0.2 s
		XD571321	0.2 s
		XD480848	0.2 s
		XD486665	0.2 s
		XD571321	0.2 s
BSNL Lajpat Nagar	1816.32	XC374156	0.2 s
		XC394252	0.2 s
		XC408979	0.2 s
		XC405402	0.2 s
		XC390573	0.2 s
		XC384955	0.2 s
		XC402243	0.2 s
		XC397719	0.2 s
BSNL DTO Building	25.03	XC371353	0.2 s
BSNL TE Building	35.1	XC373199	0.2 s
BSNL Unnao, Uttar Pradesh	50.05	XC389682	0.2 s
		XC377228	0.2 s
		XC374030	0.2 s
		XC400867	0.2 s
Railway2_Erode Diesel Locoshed	100.1	XC390046	0.2 s
		XC405825	0.2 s
		XC392634	0.2 s
		XC387359	0.2 s
Railway2_Erode Booking Office	25	XC396024	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
REMCL1_Pipliya Station Building	10	XC381979	0.2 s
SECI_BSNL, CTO, Jalandhar	50.05	XC407740	0.2 s
SECI_BSNL Nawanshahar, Jalandhar	30	XC383391	0.2 s
REMCL2_DRM Office Madurai	100.1	XC379085	0.2 s
		XC407541	0.2 s
		XC403376	0.2 s
REMCL2_Chennai Central	350	XC379814	0.2 s
		XD562967	0.2 s
		XD515034	0.2 s
		XD513755	0.2 s
		XD509562	0.2 s
REMCL2_Erode railway station	55	XC373998	0.2 s
SECI_TE Leela Bhawan, Patiala	59.8	XC370093	0.2 s
DJB Chattarpur BPS	171.6	XC404999	0.2 s
		XC406057	0.2 s
		XC394317	0.2 s
DJB Janakpuri	172.5	XC371482	0.2 s
		XC392621	0.2 s
		XC402846	0.2 s
DJB Najafgarh	179.4	XC399682	0.2 s
		XC398789	0.2 s
		XC384533	0.2 s
SECI_Haryana Jails, District jail Faridabad	595.4	XC394524	0.2 s
		XC399861	0.2 s
		XC405302	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
railway2_Rajnanad Gaon Railway Station	130	XC385913	0.2 s
REMCL1_Nagda (NAD) Railway Hospital (Grassime side)	150.04	XC377709	0.2 s
		XD556481	0.2 s
		XD549580	0.2 s
		XD550346	0.2 s
		XD472961	0.2 s
SECI_BSNL Nabha, Patiala	29.9	XC378909	0.2 s
DJB Azadpur BPS	76.05	XC378416	0.2 s
DJB Burari BPS	80.85	XC394637	0.2 s
JNV_Durg	50	XC406479	0.2 s
Railway2_Erode Electric Locoshed RCC Roof	75.24	XC399892	0.2 s
JNV_Kabirdham	515.13	XC393182	0.2 s
		XC378817	0.2 s
		XC381468	0.2 s
		XC386819	0.2 s
		XC379818	0.2 s
SECI_IIIT Allahabad	60.125	XC388062	0.2 s
SECI_Directorate of Plants Protection, Quarantine & Storage, Faridabad	70.075	XC385210	0.2 s
SECI_Rajiv Gandhi National University of Law, Patiala	211.58	XC394560	0.2 s
		XC381015	0.2 s
		XC396952	0.2 s
DJB GK North	50	XC403730	0.2 s
DJB GK MBR	25	XC405167	0.2 s
DJB GK South	15.6	XC390038	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
DJB Lawrance Road BPS	17.55	XC398324	0.2 s
SECI_Central Jail Frz	149.825	XC384942	0.2 s
		XC383638	0.2 s
		XC376237	0.2 s
		XC402059	0.2 s
SECI_Central University Haryana	160	XC400043	0.2 s
		XC398965	0.2 s
		XC378311	0.2 s
SECI_central jail patiala	175	XC383725	0.2 s
		XC401544	0.2 s
		XC386926	0.2 s
		XC387562	0.2 s
SECI_Central Jail LDH	180	XC384003	0.2 s
		XC404100	0.2 s
		XC383592	0.2 s
		XC402460	0.2 s
SECI_Water Treatment Plant, Mansa, Punjab	185.25	XC380358	0.2 s
		XC398411	0.2 s
		XC371986	0.2 s
		XC408499	0.2 s
SECI_Borstal Jail LDH	260	XC407657	0.2 s
		XC402474	0.2 s
SECI_Haryana Jails, Central Jail Rohtak	399.75	XC377904	0.2 s
		XC402536	0.2 s
		XD562738	0.2 s
		XC398479	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_Haryana Jails, District jail Yamuna nagar	400	XC380386	0.2 s
		XC406414	0.2 s
		XC383170	0.2 s
SECI_Haryana Jails, District Prison Panipat	400.4	XC406090	0.2 s
		XC377081	0.2 s
		XC400933	0.2 s
SECI_Central Jail Btd	470.275	XC400414	0.2 s
		XC384270	0.2 s
		XC378446	0.2 s
SECI_Central Jail Asr	475.15	XC390392	0.2 s
		XC378966	0.2 s
		XC407481	0.2 s
SECI_Modern jail KPT	500	XC388284	0.2 s
		XC384284	0.2 s
		XD469322	0.2 s
		XD477797	0.2 s
		XD563512	0.2 s
		XC404235	0.2 s
SECI_Punjab Agro Juices Limted, Abhor	500	XC392555	0.2 s
		XC389105	0.2 s
		XC404751	0.2 s
SECI_Punjab Agro Juices Limted, Hoshiarpur	500	XC388087	0.2 s
		XC407286	0.2 s
		XC400505	0.2 s
		XC397711	0.2 s
SECI_Dist Jail Muktsar	540.15	XC390478	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC389316	0.2 s
		XD566387	0.2 s
		XD486238	0.2 s
		XD580503	0.2 s
		XD485658	0.2 s
SECI_Haryana Jails, District Jail Gurgaon	600	XC407651	0.2 s
		XC403014	0.2 s
		XC378513	0.2 s
SECI_Haryana Jails, Central Jail Karnal	698.1	XC376438	0.2 s
		XC409362	0.2 s
		XC409586	0.2 s
		XC407583	0.2 s
SECI_Dr. B R Ambedkar National Institute of	998.075	XC377630	0.2 s
		XC402987	0.2 s
		XC399010	0.2 s
		XC390966	0.2 s
SECI_NSG Campus, Manesar	1000.025	XC406327	0.2 s
		XC402736	0.2 s
		XC375212	0.2 s
		XD516315	0.2 s
		XD548371	0.2 s
		XC408166	0.2 s
		XC388811	0.2 s
		XC373207	0.2 s
SECI_Central Jail Fkt	1000.025	XC373803	0.2 s
		XC387478	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC386023	0.2 s
		XC406111	0.2 s
		XC403860	0.2 s
SECI_Punjab Agricultural University	1000.025	XC376914	0.2 s
		XC409369	0.2 s
		XC372992	0.2 s
		XD548371	0.2 s
		XD535513	0.2 s
		XC392189	0.2 s
		XC393856	0.2 s
SECI_Punjabi University Patiala	1000.025	XC394055	0.2 s
		XC377193	0.2 s
		XD549018	0.2 s
		XD499298	0.2 s
		XD490903	0.2 s
		XC402601	0.2 s
		XC403711	0.2 s
SECI_Giani Zail Singh Campus College of Eng. & Tech., Bathinda Punjab	1000.675	XC385392	0.2 s
		XC389827	0.2 s
		XC398973	0.2 s
		XD489649	0.2 s
		XD545260	0.2 s
		XD580556	0.2 s
		XC398315	0.2 s
BSNL Gorakhpur	25.03	XC376561	0.2 s
Income Tax Department, Jaipur	105	XC393405	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD549018	0.2 s
		XD499298	0.2 s
		XD490903	0.2 s
SECI_RK Nagar Exchange	30.23	XC376479	0.2 s
GEDCOL_PG Hostel	16.04	XC386057	0.2 s
GEDCOL_Biochemistry department,SCB medical college	18.24	XC379813	0.2 s
GEDCOL_Administrative building AHRCC	51.2	XC393032	0.2 s
Admin Bldg, Jhalana Dongri, Jaipur	40.3	XC373951	0.2 s
GEDCOL_Old Hostel, Sailabala	10.24	XC378545	0.2 s
GEDCOL_Revenue Divisional Commissioner	15	XC373357	0.2 s
GEDCOL_Sailabala Main Building	23.04	XC370259	0.2 s
BSNL Admn. Bldg. Jhalana Dungri	40.3	XC371544	0.2 s
BSNL Udaipur	405.18	XC377847	0.2 s
		XD503848	0.2 s
		XD490060	0.2 s
		XD540513	0.2 s
		XD533327	0.2 s
		XD523964	0.2 s
GEDCOL_Cancer ward AHRCC	76.16	XC393350	0.2 s
BSNL, Main Exchange, Udaipur	45.17	XC372278	0.2 s
GEDCOL_Revenue Divisional Officer	24.32	XC402788	0.2 s
GEDCOL_Directorate of technical Education and Training	15	XC378387	0.2 s
	150.36	XC371368	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
GEDCOL_Odisha state police headquater		XD562525	0.2 s
		XD516413	0.2 s
		XD533521	0.2 s
BSNL Admin Building Lalkothi	20.15	XC401180	0.2 s
GEDCOL_Ayurvedic Hospital	11.52	XC396685	0.2 s
DJB Mangolpuri BPS	61.1	XC402615	0.2 s
Rohini Sector 7 BPS	70.2	XC398897	0.2 s
DJB Command Tank 4	142.02	XC398909	0.2 s
		XC576407	0.2 s
		XC533292	0.2 s
		XC552247	0.2 s
		XC534423	0.2 s
DJB Karala BPS	232.05	XC565135	0.2 s
		XC511194	0.2 s
		XC508792	0.2 s
		XC532303	0.2 s
		XC493452	0.2 s
DJB Command Tank 3	456.63	XC534980	0.2 s
		XC524779	0.2 s
		XC515066	0.2 s
		XC577358	0.2 s
DJB Daulatpur BPS	23.4	XC540060	0.2 s
		XC513196	0.2 s
DJB MU Block Pitampura	110.175	XC551099	0.2 s
		XC557608	0.2 s
		XC542119	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
DJB Kirti Nagar BPS	125	XC548825	0.2 s
		XC572082	0.2 s
		XC519618	0.2 s
SECI Shri Lal Bhadur Shastri Rashtriya Sanskrit Vidyapeetha	151.29	XC493006	0.2 s
		XC543053	0.2 s
		XC530913	0.2 s
BSNL TE, Alwar	45.18	XC529301	0.2 s
BSNL TE Sardarpura, Jodhpur	25.03	XC503972	0.2 s
BSNL VKI, Jaipur	100.1	XC569971	0.2 s
Govt. Engineering College, Ajmer	210.28	XC527454	0.2 s
Oberoi_Trident Bhubneshwar	45.175	XC537891	0.2 s
SECI_NITTTR	45.5	XC549664	0.2 s
JNV_Karap	50.375	XC496647	0.2 s
SECI_ICAR CTCRI	55.25	XC575782	0.2 s
SECI_NIH Kolkata	60.125	XC554792	0.2 s
SECI_National Library	65	XC571548	0.2 s
SECI_207 cobra, CRPF Salboni	65	XC530111	0.2 s
DJB UJWA BPS	70	XC502355	0.2 s
SECI_Haryana Jails, Central Jail Hisar 2	70.96	XC538889	0.2 s
SECI_Haryana Jails, District Jail Sirsa	90	XC556459	0.2 s
SECI_Haryana Jails, Central Jail Hisar 1	108.34	XC579133	0.2 s
SECI Cabinet Secretariat	125.125	XC553893	0.2 s
SECI_Community Center, Sector 38,W	191.42	XC520467	0.2 s
SECI_Community Center Sector 42,B	355.23	XC512166	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_Haryana Jails, Director General Of Prisons, Punchkula Haryana	630.18	XC578896	0.2 s
SECI_BSNL, RANJIT AVENUE, AMRITSAR	92.625	XC545930	0.2 s
SECI_Community Center, Sector 18, C	40.3	XC567313	0.2 s
SECI_Community Center, Sector 19, B	110	XC520050	0.2 s
SECI_Community Center, Sector 22, B	40	XC501093	0.2 s
SECI_TE Karnal (Main)	150	XC534457	0.2 s
SECI_BSNL Main TE Hisar	23.4	XC570571	0.2 s
SECI_BSNL Faridabad	110.175	XC563052	0.2 s
SECI_BSNL Jind	125	XC550370	0.2 s
SECI_T.E. Bldg. Manimajra, Chandigarh	151.29	XC572524	0.2 s
		XC547652	0.2 s
		XC522166	0.2 s
SECI_Sub Jail Pathankot	100	XC573925	0.2 s
		XC493263	0.2 s
		XC540897	0.2 s
		XC533081	0.2 s
		XC495862	0.2 s
SECI_TE Karnal (GM office)	50	XC556595	0.2 s
SECI_Central Jail Gurdaspur	45.18	XC504243	0.2 s
SECI_Community Center Maloya	210.28	XC558272	0.2 s
		XC510472	0.2 s
		XC560558	0.2 s
		XC501346	0.2 s
		XC497943	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XC546165	0.2 s
SECI_BSNL Gurgaon	25.03	XC576286	0.2 s
SECI_BSNL Bahadurgarh	15.275	XC527632	0.2 s
SECI_Community Center, Sector 48, C	15.275	XC536874	0.2 s
SECI_TE KURUKSHETRA	19.5	XC540302	0.2 s
SECI_TE Samadhi Road Khanna, Ludhiana	20.15	XC541159	0.2 s
SECI_BSNL Dana Mandi Moga, Ferozpur	20.15	XC500648	0.2 s
SECI_TE 17, Chandigarh	20.15	XC490821	0.2 s
SECI_TE Barnala, Sangrur	24.7	XC544356	0.2 s
SECI_Woman Jail LDH	25	XC506952	0.2 s
SECI_Water Treatment Plant Raman Punjab	25.025	XC530403	0.2 s
SECI_BSNL Old GM Office and New TE Building, Ferozpur	25.025	XC555844	0.2 s
SECI_Dist Jail Barnala	25.025	XC537827	0.2 s
SECI_Punjab Jail training school	25.025	XC495401	0.2 s
SECI_Dist jail Hoshiarpur	25.05	XC508977	0.2 s
SECI_Water Treatment Plant, BHIKI, Punjab	25.125	XC514882	0.2 s
SECI_CGMT Bldg Ambala Cantt	29.9	XC550839	0.2 s
SECI_PWSSB HO, Chandigarh	209.9	XC538715	0.2 s
		XD572909	0.2 s
		XD555025	0.2 s
		XD521258	0.2 s
		XD533228	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_Main TE Bldg Ambala Cantt	30	XC512609	0.2 s
SECI_Haryana Jails, District Jail Bhiwani	30.225	XC574366	0.2 s
SECI_Dist jail Roop nagar	34.775	XC575131	0.2 s
SECI_GST Building, Ludhiana	35.1	XC576903	0.2 s
SECI_TE Mandi Gobindgarh, Patiala	35.1	XC533849	0.2 s
SECI_Haryana Jails, District Jail Jind	40.3	XC556051	0.2 s
SECI_Haryana Jails, District Jail Kurushetra	44.85	XC540219	0.2 s
SECI_Survey of India Sec 32A	44.85	XC544703	0.2 s
SECI_Community Center, Sector 49, C	45.175	XC518436	0.2 s
SECI_Guru Nanak Dev University, Regional Campus, Jalandhar	50.05	XC522026	0.2 s
SECI_Haryana Jails, District Jail Sonipat	50.05	XC519509	0.2 s
SECI_Guru Nanak Dev University, Regional Campus, Sathiala	50.05	XC546911	0.2 s
SECI_Haryana Jails, Central Jail Ambala	50.05	XC534611	0.2 s
SECI_CGMT Admn, Chandigarh	54.925	XC539666	0.2 s
SECI_CIPET, Murthal, Haryana	55	XC521014	0.2 s
SECI_Water Treatment Plant, Kotkapura, Punjab	55.25	XC549304	0.2 s
SECI_Haryana Jails, District Jail Narnaul	55.25	XC513657	0.2 s
		XC515649	0.2 s
SECI_Dist jail Sangrur	60.125	XC505257	0.2 s
SECI_Dist jail Mansa	60.125	XC510777	0.2 s
SECI_Dist jail Nabha	65	XC568893	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_Haryana Jails, District Jail Kaithal	65	XC565687	0.2 s
SECI_Principal Accountant General Audit Haryana, Chandigarh	65	XC509446	0.2 s
SECI_BSNL RTTC Rajpura, Patiala	65.325	XC520071	0.2 s
DJB_Haiderpur	2574.4	XD474644	0.2 s
		XD349532	0.2 s
		XD427937	0.2 s
		XD361884	0.2 s
		XD458818	0.2 s
		XD413662	0.2 s
		XD312367	0.2 s
		XD303754	0.2 s
		XD371503	0.2 s
		XD288116	0.2 s
		XD393848	0.2 s
		XD282789	0.2 s
		XD346640	0.2 s
		XD343207	0.2 s
GEDCOL_State_Museum	29.45	XD421883	0.2 s
decathlon_Jaipur	140	XD387723	0.2 s
		XD488707	0.2 s
		XD521875	0.2 s
		XD474871	0.2 s
DJB _Bhagirathi	1691	XD469656	0.2 s
		XD394208	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD437253	0.2 s
		XD319882	0.2 s
		XD461830	0.2 s
		XD422626	0.2 s
		XD366285	0.2 s
		XD471967	0.2 s
Gedcol_Collector Office	28.35	XD352797	0.2 s
Gedcol_Shishu Bhawan	101.12	XD409344	0.2 s
SECI CPWD	75	XD475633	0.2 s
		XD528667	0.2 s
		XD580288	0.2 s
		XD514546	0.2 s
REMCL1_Rasulabad Station	105	XD389122	0.2 s
		XD538443	0.2 s
		XD571586	0.2 s
		XD584596	0.2 s
		XD583740	0.2 s
REMCL1_NCC Building	20	XD526462	0.2 s
REMCL1_Officer rest house, CETA School & CETA Hostel	29.175	XD488521	0.2 s
REMCL1_Virar Carshed	200	XD393100	0.2 s
		XD302763	0.2 s
		XD420711	0.2 s
DMRC Vinod Nagar Depot	1056.24	XD410889	0.2 s
		XD331651	0.2 s
		XD311122	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD285927	0.2 s
		XD316465	0.2 s
		XD342857	0.2 s
DJB_Dwarka	1192.8	XD366182	0.2 s
		XD298563	0.2 s
		XD466155	0.2 s
		XD390805	0.2 s
		XD388578	0.2 s
		XD355677	0.2 s
REMCL1_Kalapipal Railway Station	50.04	XD382749	0.2 s
		XD510845	0.2 s
		XD479564	0.2 s
		XD544306	0.2 s
REMCL1_Sehore Relay Room	19.215	XD428704	0.2 s
DJB_Bawana	804.8	XD365420	0.2 s
		XD424536	0.2 s
		XD446381	0.2 s
		XD332463	0.2 s
		XD342036	0.2 s
GEDCOL_Krupasindhu Hostel No. 5	22.68	XD446560	0.2 s
GEDCOL_Women's Polytech College	47.88	XD441999	0.2 s
GEDCOL_Odisha Govt. Press & Printing, Directorate of Printing, Stationery and Publication	56.7	XD426405	0.2 s
GEDCOL_Directorate of Printing Orissa Gov. press and printing unit	197.51	XD410539	0.2 s
		XD473294	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD372385	0.2 s
GEDCOL_Agriculture Engg. Tech. College	50	XD297887	0.2 s
GEDCOL_EIC Building	100	XD476224	0.2 s
		XD470943	0.2 s
		XD583577	0.2 s
		XD503955	0.2 s
DMRC Tis Hajari Children's Home	10.08	XD471944	0.2 s
SECI_TE Malerkotla, Sangrur	250.35	XD446190	0.2 s
		XD492106	0.2 s
		XD469286	0.2 s
		XD513230	0.2 s
		XD487363	0.2 s
		XD499676	0.2 s
SECI_Guru Nanak Dev University, Regional Campus, Gurdaspur	100	XD462774	0.2 s
		XD306509	0.2 s
SECI_Guru Nanak Dev University	1480.05	XD427250	0.2 s
		XD307402	0.2 s
		XD486977	0.2 s
		XD545562	0.2 s
		XD427210	0.2 s
		XD335619	0.2 s
		XD435089	0.2 s
		XD422911	0.2 s
		XD447853	0.2 s
SECI_BSNL Urla CSTD	300.23	XD329018	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD515162	0.2 s
		XD536773	0.2 s
		XD514323	0.2 s
		XD516001	0.2 s
		XD573451	0.2 s
SECI_BSNL Khamardhi	60.12	XD519294	0.2 s
SECI_NIT Rourkela	1020.18	XD418717	0.2 s
		XD373024	0.2 s
		XD400408	0.2 s
		XD361635	0.2 s
		XD472317	0.2 s
		XD312816	0.2 s
		XD460436	0.2 s
SECI_BSNL Max_1 Korba	30.23	XD334388	0.2 s
SECI_BSNL Raigarh	50.05	XD317706	0.2 s
SECI_BSNL Bhubaneswar	50.32	XD284287	0.2 s
SECI_Door Sanchar	50.32	XD344247	0.2 s
DJB SONIA VIHAR	628.18	XD451986	0.2 s
		XD360698	0.2 s
		XD281972	0.2 s
		XD417891	0.2 s
		XD487569	0.2 s
		XD515716	0.2 s
		XD373507	0.2 s
BSNL Civil lines	60.13	XD427597	0.2 s
BSNL RTTC Colony	300	XD296262	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
		XD509781	0.2 s
		XD524258	0.2 s
		XD489105	0.2 s
BSNL CTO_Allahabad	45.5	XD486715	0.2 s
BSNL Mancaud	65	XD326256	0.2 s
BSNL Deoria	40	XD390003	0.2 s
BSNL Main Exchange Building	450.18	XD446687	0.2 s
		XD485123	0.2 s
		XD501059	0.2 s
		XD536495	0.2 s
		XD517443	0.2 s
BSNL Subash Nagar, Jodhpur	35.1	XD422703	0.2 s
DMRC jasola vihar shaheen bagh	1500	XD302836	0.2 s
		XD288473	0.2 s
		XD420312	0.2 s
		XD304637	0.2 s
		XD339378	0.2 s
		XD328851	0.2 s
		XD334288	0.2 s
SECI_Haryana Jails, District jail Jhajjar	355	XD462178	0.2 s
		XD478737	0.2 s
		XD440717	0.2 s
		XD361478	0.2 s
SECI_BSNL	15.28	XD348667	0.2 s
SECI_BSNL DTO	190.5	XD290811	0.2 s
SECI_BSNL ambikapur	30.23	XD437008	0.2 s

Site Name	Capacity (KW)	Meter Serial No.	Accuracy Class
SECI_BSNL_Max_1	30.23	XD395959	0.2 s
Railway2_Thiruvananthapuram	59.84	XD344040	0.2 s
Railway2_Erode Electric Locoshed Metal Roof	50	XD391626	0.2 s
Railway2_TVC_TVC CENTRAL	250.29	XD294325	0.2 s
		XD366969	0.2 s
		XD326266	0.2 s
		XD396708	0.2 s
		XD452658	0.2 s
		XD471922	0.2 s
		XD312282	0.2 s
		XD456315	0.2 s