

ENERGISING INDIAN HOMES BY SOLAR ROOFTOP PROJECTS



Azure Power India Pvt Ltd is the Project Proponent



Document Prepared By EKI Energy Services Ltd.

Project Title	Energising Indian homes by Solar rooftop projects
Version	01
Date of Issue	14-11-2019
Monitoring Period	28-12-2017 to 31-10-2019 (including first and last dates)
Prepared By	Prakash Kr. Sahu Manager (Operations – Climate Change)
Contact	prakash@enkingint.org Office No 201, Plot No 48, Scheme 78, Part 2, Vijay Nagar Indore-452010, Madhya Pradesh, India Telephone: +91-0731-4289086

Table of Contents

1	Project Details	3
1.1	Summary Description of the Project and its Implementation Status	3
1.2	Sectoral Scope and Project Type	15
1.3	Project Proponent	15
1.4	Other Entities Involved in the Project	16
1.5	Project Start Date	16
1.6	Project Crediting Period	16
1.7	Project Scale and Estimated GHG Emission Reductions or Removals	16
1.8	Description of the Project Activity	32
1.9	Project Location	33
1.10	Conditions Prior to Project Initiation	50
1.11	Compliance with Laws, Statutes and Other Regulatory Frameworks	50
1.12	Ownership and Other Programs	50
1.12.1	Project Ownership	50
1.12.2	Emissions Trading Programs and Other Binding Limits	51
1.12.3	Other Forms of Environmental Credit	51
1.12.4	Participation under Other GHG Programs	51
1.12.5	Projects Rejected by Other GHG Programs	51
1.13	Additional Information Relevant to the Project	51
2	Application of Methodology	55
2.1	Title and Reference of Methodology	55
2.2	Applicability of Methodology	55
2.3	Project Boundary	59
2.4	Baseline Scenario	60
2.5	Additionality	61
2.6	Methodology Deviations	61
3	ESTIMATED GHG Emission Reductions and Removals	61
3.1	Baseline Emissions	61
3.2	Project Emissions	61
3.3	Leakage	61
3.4	Estimated Net GHG Emission Reductions and Removals	61
4	Monitoring	62
4.1	Data and Parameters Available at Validation	62
4.2	Data and Parameters Monitored	62
4.3	Monitoring Plan	62
5	Safeguards	62
5.1	No Net Harm	62
5.2	Environmental Impact	62
5.3	Local Stakeholder Consultation	62
5.4	Public Comments	62
6	ACHIEVED GHG Emission Reductions and Removals	62
6.1	Data and Parameters Monitored	62
6.2	Baseline Emissions	62
6.3	Project Emissions	63
6.4	Leakage	63
6.5	Net GHG Emission Reductions and Removals	63

1 PROJECT DETAILS

1.1 Summary Description of the Project and its Implementation Status

The proposed 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 and off grid renewable energy power plants in India and will cover the solar energy technologies. All project activity instances within this grouped project activity will consist of single solar renewable technology. Also an individual project activity instance will be small-scale project activity instance grid connected (having methodology AMS I.D version 18) or off grid project activity instance (having methodology AMS-I.F version 3.0).

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 or off grid captive use there by displacing the consumption of electricity from the INDIAN grid electricity distribution system. As of 31 December 2013, the Southern grid has also been synchronised with the NEWNE grid, hence forming one unified 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.

Project Instance	SPV Name	Capacity (MW)	State	Date Of Commissioning
1	Azure Power Thirty Eight Private Limited	2.57	New Delhi	28-12-2017
2	Azure Power Forty Four Private Limited	0.72	Uttar Pradesh	28-12-2017
3	Azure Power Forty Four Private Limited	0.07	Gujarat	04-01-2018
4	Azure Power Forty Four Private Limited	0.50	Rajasthan	04-01-2018
5	Azure Power Forty Four Private Limited	0.22	Uttar Pradesh	04-01-2018
6	Azure Power Forty Four Private Limited	0.02	Rajasthan	06-01-2018
7	Azure Sunlight private limited	0.03	Rajasthan	06-01-2018
8	Azure Sunlight private limited	0.03	Rajasthan	06-01-2018
9	Azure Sunlight private limited	0.05	Rajasthan	06-01-2018
10	Azure Sunlight private limited	0.07	Rajasthan	06-01-2018

11	Azure Sunlight private limited	0.09	West Bengal	06-01-2018
12	Azure Power Mercury private limited	0.03	Odisha	12-01-2018
13	Azure Power Forty Four Private Limited	0.00	Uttar Pradesh	12-01-2018
14	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	12-01-2018
15	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	12-01-2018
16	Azure Power Forty Four Private Limited	0.03	Uttar Pradesh	18-01-2018
17	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	24-01-2018
18	Azure Power Forty Four Private Limited	0.06	Uttar Pradesh	24-01-2018
19	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	25-01-2018
20	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	25-01-2018
21	Azure Power Forty Four Private Limited	0.53	Madhya Pradesh	31-01-2018
22	Azure Power Forty Four Private Limited	0.09	Uttar Pradesh	19-02-2018
23	Azure Power Forty Four Private Limited	0.29	Uttar Pradesh	19-02-2018
24	Azure Power Rooftop Three Private Limited	0.14	Rajasthan	26-02-2018
25	Azure Power Thirty Eight Private Limited	1.69	New Delhi	28-02-2018
26	Azure Power Forty Four Private Limited	0.06	Uttar Pradesh	09-03-2018
27	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	14-03-2018
28	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	14-03-2018
29	Azure Power Forty Four Private Limited	0.01	Rajasthan	14-03-2018
30	Azure Power Mercury private limited	0.02	Odisha	17-03-2018
31	Azure Power Mercury private limited	0.05	Odisha	17-03-2018
32	Azure Power Mercury private limited	0.19	Odisha	17-03-2018
33	Azure Power Mercury private limited	0.04	Odisha	19-03-2018
34	Azure Power Mercury private limited	0.04	Odisha	19-03-2018
35	Azure Power Mercury private limited	0.05	Odisha	19-03-2018
36	Azure Power Forty Four Private Limited	0.22	Uttar Pradesh	19-03-2018
37	Azure Power Mercury private limited	0.03	Odisha	20-03-2018
38	Azure Power Mercury private limited	0.10	Odisha	20-03-2018
39	Azure Power Forty Four Private Limited	0.09	Uttar Pradesh	20-03-2018
40	Azure Power Forty Four Private Limited	0.04	Rajasthan	28-03-2018
41	Azure Power Forty Four Private Limited	0.11	Gujarat	30-03-2018
42	Azure Power Forty Four Private Limited	0.20	Gujarat	30-03-2018
43	Azure Power Rooftop One Private Limited	0.08	New Delhi	31-03-2018
44	Azure Power Forty Four Private Limited	0.58	Rajasthan	31-03-2018
45	Azure Power Forty Four Private Limited	0.02	Rajasthan	02-04-2018
46	Azure Power Forty Four Private Limited	0.03	Rajasthan	02-04-2018
47	Azure Power Forty Four Private Limited	0.01	Rajasthan	05-04-2018
48	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	12-04-2018
49	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	14-04-2018
50	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	14-04-2018
51	Azure Power Forty Four Private Limited	0.20	Maharashtra	27-04-2018
52	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	27-04-2018
53	Azure Power Forty Four Private Limited	0.03	Uttar Pradesh	27-04-2018
54	Azure power Saturn Private Limited	1.06	New Delhi	28-04-2018
55	Azure Power Thirty Eight Private Limited	1.19	New Delhi	28-04-2018
56	Azure Power Forty Four Private Limited	0.37	Madhya	30-04-2018

			Pradesh	
57	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	09-05-2018
58	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	09-05-2018
59	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	10-05-2018
60	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	10-05-2018
61	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	10-05-2018
62	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	10-05-2018
63	Azure Power Forty Four Private Limited	0.00	Madhya Pradesh	12-05-2018
64	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	12-05-2018
65	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	12-05-2018
66	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	18-05-2018
67	Azure Power Forty Four Private Limited	0.03	Uttar Pradesh	18-05-2018
68	Azure Power Forty Four Private Limited	0.17	Uttar Pradesh	18-05-2018
69	Azure Power Forty Four Private Limited	0.35	Uttar Pradesh	21-05-2018
70	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	22-05-2018
71	Azure Power Forty Four Private Limited	0.17	Uttar Pradesh	23-05-2018
72	Azure Power Forty Four Private Limited	0.18	Uttar Pradesh	24-05-2018
73	Azure Power Forty Four Private Limited	0.68	Uttar Pradesh	30-05-2018
74	Azure Power Forty Four Private Limited	0.30	Rajasthan	04-06-2018
75	Azure Power Thirty Eight Private Limited	0.80	New Delhi	05-06-2018
76	Azure Power Mercury private limited	0.02	Odisha	06-06-2018
77	Azure Power Mercury private limited	0.05	Odisha	06-06-2018
78	Azure Power Forty Four Private Limited	0.03	Gujarat	07-06-2018
79	Azure Power Forty Four Private Limited	0.04	Gujarat	07-06-2018
80	Azure Power Mercury private limited	0.15	Odisha	07-06-2018
81	Azure Power Mercury private limited	0.02	Odisha	07-06-2018
82	Azure Power Forty Four Private Limited	0.07	Rajasthan	07-06-2018
83	Azure Power Mercury private limited	0.01	Odisha	08-06-2018
84	Azure Power Mercury private limited	0.02	Odisha	08-06-2018
85	Azure Power Mercury private limited	0.03	Odisha	08-06-2018
86	Azure Power Mercury private limited	0.05	Odisha	08-06-2018
87	Azure Power Mercury private limited	0.13	Himachal Pradesh	09-06-2018
88	Azure Power Mercury private limited	0.01	Odisha	09-06-2018
89	Azure Power Mercury private limited	0.03	Odisha	09-06-2018
90	Azure Power Mercury private limited	0.06	Odisha	11-06-2018
91	Azure Power Mercury private limited	0.20	Odisha	11-06-2018
92	Azure Power Forty Four Private Limited	0.06	Uttar Pradesh	11-06-2018
93	Azure Power Mercury private limited	0.05	Odisha	12-06-2018
94	Azure Power Forty Four Private Limited	0.10	Rajasthan	17-06-2018
95	Azure Power Mercury private limited	0.01	Odisha	18-06-2018
96	Azure Power Forty Four Private Limited	0.05	Uttar Pradesh	26-06-2018

97	Azure Power Forty Four Private Limited	1.21	Uttar Pradesh	28-06-2018
98	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	29-06-2018
99	Azure Power Forty Four Private Limited	0.17	Uttar Pradesh	29-06-2018
100	Azure power Saturn Private Limited	0.01	New Delhi	30-06-2018
101	Azure Power Forty Four Private Limited	0.05	Rajasthan	10-07-2018
102	Azure Power Forty Four Private Limited	0.04	Uttar Pradesh	11-07-2018
103	Azure Power Forty Four Private Limited	0.01	Rajasthan	16-07-2018
104	Azure Power Forty Four Private Limited	0.01	Rajasthan	17-07-2018
105	Azure Power Forty Four Private Limited	2.60	Uttar Pradesh	30-07-2018
106	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	02-08-2018
107	Azure Power Forty Four Private Limited	0.44	Rajasthan	14-08-2018
108	Azure Power Mercury private limited	0.01	Odisha	21-08-2018
109	Azure Power Mercury private limited	0.03	Odisha	21-08-2018
110	Azure Power Mercury private limited	0.04	Odisha	21-08-2018
111	Azure Power Mercury private limited	0.08	Odisha	21-08-2018
112	Azure Power Mercury private limited	0.08	Odisha	22-08-2018
113	Azure Power Mercury private limited	0.15	Odisha	23-08-2018
114	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	24-08-2018
115	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	24-08-2018
116	Azure Power Mercury private limited	0.02	Odisha	24-08-2018
117	Azure Power Mercury private limited	0.03	Odisha	24-08-2018
118	Azure Power Mercury private limited	0.11	Odisha	24-08-2018
119	Azure Power Mercury private limited	0.13	Odisha	24-08-2018
120	Azure Power Mercury private limited	0.24	Odisha	24-08-2018
121	Azure Power Mercury private limited	0.02	Odisha	24-08-2018
122	Azure Power Forty Four Private Limited	0.05	Rajasthan	27-08-2018
123	Azure Power Forty Four Private Limited	0.02	Rajasthan	29-08-2018
124	Azure Power Forty Four Private Limited	0.04	Rajasthan	29-08-2018
125	Azure Power Forty Four Private Limited	0.13	Gujarat	31-08-2018
126	Azure Power Forty Four Private Limited	0.05	Rajasthan	31-08-2018
127	Azure Power Forty Four Private Limited	0.50	Rajasthan	14-09-2018
128	Azure Power Forty Four Private Limited	0.20	Maharashtra	29-09-2018
129	Azure Power Rooftop Four Private Limited	0.11	Maharashtra	13-10-2018
130	Azure Power Rooftop Four Private Limited	0.25	Tamil Nadu	13-10-2018
131	Azure Power Rooftop One Private Limited	0.03	Punjab	15-10-2018
132	Azure Power Rooftop One Private Limited	0.10	Punjab	16-10-2018
133	Azure Power Rooftop One Private Limited	1.48	Punjab	16-10-2018
134	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	17-10-2018
135	Azure Power Rooftop One Private Limited	0.06	Chhattisgarh	17-10-2018
136	Azure Power Rooftop One Private Limited	1.02	Odisha	17-10-2018
137	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	18-10-2018
138	Azure Power Rooftop One Private Limited	0.05	Chhattisgarh	18-10-2018
139	Azure Power Rooftop One Private Limited	0.05	Odisha	18-10-2018
140	Azure Power Rooftop One Private Limited	0.05	Odisha	18-10-2018
141	Azure Power Rooftop Four Private Limited	0.08	Maharashtra	19-10-2018
142	Azure Power Rooftop One Private Limited	0.02	Chandigarh	20-10-2018
143	Azure Power Rooftop One Private Limited	0.02	Chandigarh	20-10-2018
144	Azure Power Rooftop One Private Limited	0.02	Chandigarh	20-10-2018
145	Azure Power Rooftop One Private Limited	0.02	Chandigarh	20-10-2018

146	Azure Power Rooftop One Private Limited	0.02	Chandigarh	20-10-2018
147	Azure Power Rooftop One Private Limited	0.03	Chandigarh	20-10-2018
148	Azure Power Rooftop One Private Limited	0.03	Chandigarh	20-10-2018
149	Azure Power Rooftop One Private Limited	0.03	Chandigarh	20-10-2018
150	Azure Power Rooftop One Private Limited	0.04	Chandigarh	20-10-2018
151	Azure Power Rooftop One Private Limited	0.06	Chandigarh	20-10-2018
152	Azure Power Rooftop One Private Limited	0.08	Chandigarh	20-10-2018
153	Azure Power Rooftop One Private Limited	0.08	Chandigarh	20-10-2018
154	Azure Power Rooftop One Private Limited	0.10	Chandigarh	20-10-2018
155	Azure Power Rooftop One Private Limited	0.14	Chandigarh	20-10-2018
156	Azure Power Rooftop One Private Limited	0.02	Haryana	20-10-2018
157	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
158	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
159	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
160	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
161	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
162	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
163	Azure Power Rooftop One Private Limited	0.03	Haryana	20-10-2018
164	Azure Power Rooftop One Private Limited	0.04	Haryana	20-10-2018
165	Azure Power Rooftop One Private Limited	0.06	Haryana	20-10-2018
166	Azure Power Rooftop One Private Limited	0.06	Haryana	20-10-2018
167	Azure Power Rooftop One Private Limited	0.06	Haryana	20-10-2018
168	Azure Power Rooftop One Private Limited	0.07	Haryana	20-10-2018
169	Azure Power Rooftop One Private Limited	0.07	Haryana	20-10-2018
170	Azure Power Rooftop One Private Limited	0.09	Haryana	20-10-2018
171	Azure Power Rooftop One Private Limited	0.10	Haryana	20-10-2018
172	Azure Power Rooftop One Private Limited	0.11	Haryana	20-10-2018
173	Azure Power Rooftop One Private Limited	0.12	Haryana	20-10-2018
174	Azure Power Rooftop One Private Limited	0.14	Haryana	20-10-2018
175	Azure Power Rooftop One Private Limited	0.16	Haryana	20-10-2018
176	Azure Power Rooftop One Private Limited	0.40	Haryana	20-10-2018
177	Azure Power Rooftop One Private Limited	0.40	Haryana	20-10-2018
178	Azure Power Rooftop One Private Limited	0.40	Haryana	20-10-2018
179	Azure Power Rooftop One Private Limited	0.60	Haryana	20-10-2018
180	Azure Power Rooftop One Private Limited	0.70	Haryana	20-10-2018
181	Azure Power Rooftop One Private Limited	1.00	Haryana	20-10-2018
182	Azure Power Rooftop One Private Limited	0.02	Punjab	20-10-2018
183	Azure Power Rooftop One Private Limited	0.03	Punjab	20-10-2018
184	Azure Power Rooftop One Private Limited	0.03	Punjab	20-10-2018
185	Azure Power Rooftop One Private Limited	0.04	Punjab	20-10-2018
186	Azure Power Rooftop One Private Limited	0.04	Punjab	20-10-2018
187	Azure Power Rooftop One Private Limited	0.04	Punjab	20-10-2018
188	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
189	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
190	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
191	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
192	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
193	Azure Power Rooftop One Private Limited	0.05	Punjab	20-10-2018
194	Azure Power Rooftop One Private Limited	0.06	Punjab	20-10-2018
195	Azure Power Rooftop One Private Limited	0.07	Punjab	20-10-2018
196	Azure Power Rooftop One Private Limited	0.07	Punjab	20-10-2018
197	Azure Power Rooftop One Private Limited	0.07	Punjab	20-10-2018

198	Azure Power Rooftop One Private Limited	0.09	Punjab	20-10-2018
199	Azure Power Rooftop One Private Limited	0.10	Punjab	20-10-2018
200	Azure Power Rooftop One Private Limited	0.12	Punjab	20-10-2018
201	Azure Power Rooftop One Private Limited	0.12	Punjab	20-10-2018
202	Azure Power Rooftop One Private Limited	0.13	Punjab	20-10-2018
203	Azure Power Rooftop One Private Limited	0.13	Punjab	20-10-2018
204	Azure Power Rooftop One Private Limited	0.15	Punjab	20-10-2018
205	Azure Power Rooftop One Private Limited	0.15	Punjab	20-10-2018
206	Azure Power Rooftop One Private Limited	0.18	Punjab	20-10-2018
207	Azure Power Rooftop One Private Limited	0.18	Punjab	20-10-2018
208	Azure Power Rooftop One Private Limited	0.19	Punjab	20-10-2018
209	Azure Power Rooftop One Private Limited	0.26	Punjab	20-10-2018
210	Azure Power Rooftop One Private Limited	0.47	Punjab	20-10-2018
211	Azure Power Rooftop One Private Limited	0.48	Punjab	20-10-2018
212	Azure Power Rooftop One Private Limited	0.50	Punjab	20-10-2018
213	Azure Power Rooftop One Private Limited	0.50	Punjab	20-10-2018
214	Azure Power Rooftop One Private Limited	0.50	Punjab	20-10-2018
215	Azure Power Rooftop One Private Limited	0.54	Punjab	20-10-2018
216	Azure Power Rooftop One Private Limited	1.00	Punjab	20-10-2018
217	Azure Power Rooftop One Private Limited	1.00	Punjab	20-10-2018
218	Azure Power Rooftop One Private Limited	1.00	Punjab	20-10-2018
219	Azure Power Rooftop One Private Limited	1.00	Punjab	20-10-2018
220	Azure Power Rooftop One Private Limited	1.00	Punjab	20-10-2018
221	Azure Power Rooftop One Private Limited	1.11	Punjab	20-10-2018
222	Azure Power Rooftop One Private Limited	1.11	Punjab	20-10-2018
223	Azure Power Forty Four Private Limited	0.10	Maharashtra	22-10-2018
224	Azure Power Forty Four Private Limited	0.02	Uttar Pradesh	26-10-2018
225	Azure Power Forty Four Private Limited	0.01	Rajasthan	29-10-2018
226	Azure Power Thirty Eight Private Limited	0.63	New Delhi	31-10-2018
227	Azure Power Rooftop Four Private Limited	0.02	Maharashtra	01-11-2018
228	Azure Power Rooftop Four Private Limited	0.20	Tamil Nadu	04-11-2018
229	Azure Power Rooftop Four Private Limited	0.33	Tamil Nadu	04-11-2018
230	Azure Power Forty Four Private Limited	0.30	Maharashtra	16-11-2018
231	Azure Power Forty Four Private Limited	0.01	Rajasthan	16-11-2018
232	Azure Power Forty Four Private Limited	0.02	Rajasthan	16-11-2018
233	Azure Power Forty Four Private Limited	0.08	Rajasthan	26-11-2018
234	Azure Power Rooftop Four Private Limited	0.05	Maharashtra	27-11-2018
235	Azure Power Forty Four Private Limited	0.12	Maharashtra	30-11-2018
236	Azure Power Forty Four Private Limited	0.04	Maharashtra	01-12-2018
237	Azure Power Rooftop Four Private Limited	0.12	Maharashtra	12-12-2018
238	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	12-12-2018
239	Azure power Rooftop one Private Limited	0.06	o	13-12-2018
240	Azure power Rooftop one Private Limited	0.30	Uttar Pradesh	14-12-2018
241	Azure power Rooftop one Private Limited	0.05	Uttar Pradesh	15-12-2018
242	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	16-12-2018
243	Azure Power Forty Four Private Limited	0.09	Rajasthan	21-12-2018
244	Azure power Rooftop one Private Limited	0.11	Rajasthan	27-12-2018
245	Azure power Rooftop one Private Limited	0.06	o	28-12-2018
246	Azure Power Rooftop Four Private Limited	0.30	Chhattisgarh	31-12-2018
247	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	31-12-2018

248	Azure power Rooftop one Private Limited	0.05	o	04-01-2019
249	Azure Power Forty Four Private Limited	0.08	Rajasthan	04-01-2019
250	Azure Power Rooftop One Private Limited	2.84	Uttar Pradesh	06-01-2019
251	Azure Power Thirty Eight Private Limited	1.82	New Delhi	07-01-2019
252	Azure Power Forty Four Private Limited	0.04	Uttar Pradesh	10-01-2019
253	Azure power Rooftop one Private Limited	0.08	o	11-01-2019
254	Azure power Rooftop one Private Limited	0.04	o	15-01-2019
255	Azure Power Forty Four Private Limited	0.18	Uttar Pradesh	15-01-2019
256	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	16-01-2019
257	Azure Power Forty Four Private Limited	0.04	Madhya Pradesh	17-01-2019
258	Azure Power Rooftop Four Private Limited	0.13	Tamil Nadu	21-01-2019
259	Azure Power Rooftop Four Private Limited	0.13	Tamil Nadu	21-01-2019
260	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	22-01-2019
261	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	23-01-2019
262	Azure power Rooftop one Private Limited	0.03	o	23-01-2019
263	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	24-01-2019
264	Azure Power Forty Four Private Limited	0.02	Rajasthan	24-01-2019
265	Azure Power Mercury private limited	0.02	Odisha	30-01-2019
266	Azure Power Mercury private limited	0.02	Odisha	30-01-2019
267	Azure Power Mercury private limited	0.05	Odisha	30-01-2019
268	Azure power Rooftop one Private Limited	0.04	o	31-01-2019
269	Azure power Rooftop one Private Limited	0.05	o	31-01-2019
270	Azure Power Mercury private limited	0.01	Odisha	31-01-2019
271	Azure Power Mercury private limited	0.08	Odisha	31-01-2019
272	Azure Power Mercury private limited	0.02	Odisha	31-01-2019
273	Azure Power Mercury private limited	0.02	Odisha	31-01-2019
274	Azure Power Mercury private limited	0.02	Odisha	31-01-2019
275	Azure Power Forty Four Pvt Ltd	0.04	Rajasthan	31-01-2019
276	Azure power Rooftop one Private Limited	0.05	Rajasthan	31-01-2019
277	Azure power Rooftop one Private Limited	0.02	o	01-02-2019
278	Azure Power Mercury private limited	0.02	Odisha	01-02-2019
279	Azure Power Mercury private limited	0.02	Odisha	01-02-2019
280	Azure power Rooftop one Private Limited	0.07	o	02-02-2019
281	Azure Power Mercury private limited	0.01	Odisha	02-02-2019
282	Azure power Rooftop one Private Limited	0.04	Uttar Pradesh	03-02-2019
283	Azure power Rooftop one Private Limited	0.05	o	05-02-2019

284	Azure Power Thirty Eight Private Limited	0.06	New Delhi	06-02-2019
285	Azure Power Thirty Eight Private Limited	0.07	New Delhi	06-02-2019
286	Azure Power Thirty Eight Private Limited	0.14	New Delhi	06-02-2019
287	Azure Power Thirty Eight Private Limited	0.23	New Delhi	06-02-2019
288	Azure Power Thirty Eight Private Limited	0.46	New Delhi	06-02-2019
289	Azure power Rooftop one Private Limited	0.03	o	07-02-2019
290	Azure power Rooftop one Private Limited	0.04	o	07-02-2019
291	Azure power Rooftop one Private Limited	0.05	Uttar Pradesh	13-02-2019
292	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	15-02-2019
293	Azure Power Rooftop Four Private Limited	0.03	Tamil Nadu	20-02-2019
294	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	22-02-2019
295	Azure Power Rooftop One Private Limited	0.05	Punjab	23-02-2019
296	Azure Power Rooftop One Private Limited	0.03	Punjab	26-02-2019
297	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	26-02-2019
298	Azure Power Rooftop Four Private Limited	0.35	Tamil Nadu	04-03-2019
299	Azure Power Rooftop Four Private Limited	0.06	Tamil Nadu	06-03-2019
300	Azure Power Thirty Eight Private Limited	0.17	New Delhi	07-03-2019
301	Azure Power Thirty Eight Private Limited	0.17	New Delhi	07-03-2019
302	Azure Power Thirty Eight Private Limited	0.18	New Delhi	07-03-2019
303	Azure Power Rooftop One Private Limited	0.06	Punjab	07-03-2019
304	Azure Power Rooftop One Private Limited	0.60	Haryana	08-03-2019
305	Azure Power Rooftop Four Private Limited	0.13	Chhattisgarh	11-03-2019
306	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	14-03-2019
307	Azure Power Rooftop One Private Limited	0.03	Punjab	14-03-2019
308	Azure Power Rooftop Four Private Limited	0.13	Chhattisgarh	15-03-2019
309	Azure Power Forty Four Private Limited	0.16	Gujarat	15-03-2019
310	Azure Power Rooftop Four Private Limited	0.05	Kerala	15-03-2019
311	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	15-03-2019
312	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	15-03-2019
313	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	15-03-2019
314	Azure Power Forty Four Private Limited	0.02	Madhya Pradesh	15-03-2019
315	Azure Power Forty Four Private Limited	0.03	Madhya Pradesh	15-03-2019
316	Azure Power Forty Four Private Limited	0.03	Madhya Pradesh	15-03-2019
317	Azure Power Forty Four Private Limited	0.23	Madhya Pradesh	15-03-2019
318	Azure Power Forty Four Private Limited	0.23	Madhya Pradesh	15-03-2019
319	Azure Power Rooftop Four Private Limited	0.17	Madhya Pradesh	15-03-2019

320	Azure Power Forty Four Private Limited	0.04	Maharashtra	15-03-2019
321	Azure Power Forty Four Private Limited	0.04	Maharashtra	15-03-2019
322	Azure Power Rooftop Four Private Limited	0.27	Maharashtra	15-03-2019
323	Azure Power Rooftop Four Private Limited	0.04	Maharashtra	15-03-2019
324	Azure Power Forty Four Private Limited	0.01	Rajasthan	15-03-2019
325	Azure Power Forty Four Private Limited	0.02	Rajasthan	15-03-2019
326	Azure Power Forty Four Private Limited	0.03	Rajasthan	15-03-2019
327	Azure Power Forty Four Private Limited	0.05	Rajasthan	15-03-2019
328	Azure Power Forty Four Private Limited	0.20	Rajasthan	15-03-2019
329	Azure Power Forty Four Private Limited	0.01	Uttar Pradesh	15-03-2019
330	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019
331	Azure Power Genco Private Limited	0.04	Uttar Pradesh	15-03-2019
332	Azure Power Genco Private Limited	0.04	Uttar Pradesh	15-03-2019
333	Azure Power Genco Private Limited	0.05	Uttar Pradesh	15-03-2019
334	Azure Power Genco Private Limited	1.00	Uttar Pradesh	15-03-2019
335	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019
336	Azure Power Genco Private Limited	0.02	Uttar Pradesh	15-03-2019
337	Azure Power Forty Four Private Limited	0.04	Madhya Pradesh	16-03-2019
338	Azure Power Forty Four Private Limited	0.05	Madhya Pradesh	16-03-2019
339	Azure Power Forty Four Private Limited	0.01	Rajasthan	16-03-2019
340	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	18-03-2019
341	Azure Power Forty Four Private Limited	0.00	Madhya Pradesh	18-03-2019
342	Azure Power Thirty Eight Private Limited	0.29	New Delhi	18-03-2019
343	Azure Power Forty Four Private Limited	0.02	Rajasthan	18-03-2019
344	Azure Power Mercury private limited	0.06	Odisha	19-03-2019
345	Azure Power Mercury private limited	0.27	Odisha	19-03-2019
346	Azure Power Rooftop One Private Limited	0.15	Punjab	19-03-2019
347	Solar Power Rooftop Three Pvt. Ltd	6.00	Odisha	20-03-2019
348	Azure Power Rooftop Four Private Limited	0.05	Kerala	26-03-2019
349	Azure Power Thirty Eight Private Limited	0.04	New Delhi	26-03-2019
350	Azure Sunlight private limited	0.08	Tamil Nadu	26-03-2019
351	Azure Power Rooftop Four Private Limited	0.10	Kerala	27-03-2019
352	Azure Power Mercury private limited	0.01	o	27-03-2019
353	Azure Power Mercury private limited	0.01	o	27-03-2019
354	Azure Power Mercury private limited	0.02	o	27-03-2019
355	Azure Power Mercury private limited	0.03	o	27-03-2019
356	Azure Power Mercury private limited	0.03	Odisha	27-03-2019
357	Azure Power Thirty Eight Private Limited	0.12	New Delhi	28-03-2019
358	Azure Power Forty Four Private Limited	0.05	Uttar Pradesh	28-03-2019
359	Azure Power Rooftop One Private Limited	0.02	Chhattisgarh	29-03-2019
360	Azure Power Forty Four Private Limited	0.18	Gujarat	29-03-2019
361	Azure Power Rooftop Four Private Limited	0.05	Kerala	29-03-2019
362	Azure Power Mercury private limited	0.06	Odisha	29-03-2019
363	Azure Power Mercury private limited	0.05	Odisha	30-03-2019
364	Azure Power Forty Four Private Limited	0.06	Gujarat	31-03-2019
365	Azure Power Forty Four Private Limited	0.10	Gujarat	31-03-2019
366	Azure Power Forty Four Private Limited	0.02	Gujarat	31-03-2019
367	Azure Power Forty Four Private Limited	0.08	Gujarat	31-03-2019
368	Azure Power Rooftop Four Private Limited	0.05	Kerala	31-03-2019

369	Azure Power Forty Four Private Limited	0.01	Madhya Pradesh	31-03-2019
370	Azure Power Mercury private limited	0.01	Odisha	31-03-2019
371	Azure Power Mercury private limited	0.01	Odisha	31-03-2019
372	Azure Power Mercury private limited	0.01	Odisha	31-03-2019
373	Azure Power Mercury private limited	0.02	Odisha	31-03-2019
374	Azure Power Mercury private limited	0.03	Odisha	31-03-2019
375	Azure Power Forty Four Private Limited	0.04	Chhattisgarh	06-04-2019
376	Azure power Saturn Private Limited	0.78	New Delhi	08-04-2019
377	Azure power Rooftop one Private Limited	0.04	Rajasthan	14-04-2019
378	Azure Power Genco Private Limited	0.02	Bihar	26-04-2019
379	Azure Power Genco Private Limited	0.03	Bihar	26-04-2019
380	Azure Power Genco Private Limited	0.06	Bihar	26-04-2019
381	Azure Power Genco Private Limited	0.08	Bihar	26-04-2019
382	Azure Power Genco Private Limited	0.15	Bihar	26-04-2019
383	Azure Power Genco Private Limited	0.42	Bihar	26-04-2019
384	Azure Power Genco Private Limited	0.03	Bihar	29-04-2019
385	Azure Power Genco Private Limited	0.07	Bihar	29-04-2019
386	Azure Power Genco Private Limited	0.10	Bihar	29-04-2019
387	Azure Power Genco Private Limited	0.11	Bihar	29-04-2019
388	Azure Power Genco Private Limited	0.13	Bihar	29-04-2019
389	Azure Power Rooftop Four Private Limited	0.03	Chhattisgarh	29-04-2019
390	Azure power Saturn Private Limited	1.50	New Delhi	30-04-2019
391	Azure Power Genco Private Limited	0.08	Chhattisgarh	01-05-2019
392	Azure Power Thirty Eight Private Limited	0.03	New Delhi	01-05-2019
393	Azure Power Thirty Eight Private Limited	0.08	New Delhi	01-05-2019
394	Azure Power Genco Private Limited	0.08	Chhattisgarh	02-05-2019
395	Azure Power Rooftop Four Pvt Ltd.	0.05	Tamil Nadu	02-05-2019
396	Azure Power Rooftop One Private Limited	0.52	Uttar Pradesh	03-05-2019
397	Azure Power Genco Private Limited	0.07	Chhattisgarh	06-05-2019
398	Azure Power Genco Private Limited	0.06	Karnataka	06-05-2019
399	Azure Power Genco Private Limited	0.21	Bihar	10-05-2019
400	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	24-05-2019
401	Azure Power Thirty Eight Private Limited	0.03	New Delhi	27-05-2019
402	Azure Power Thirty Eight Private Limited	0.02	New Delhi	28-05-2019
403	Azure Power Thirty Eight Private Limited	0.03	New Delhi	28-05-2019
404	Azure Power Thirty Eight Private Limited	0.04	New Delhi	28-05-2019
405	Azure Power Thirty Eight Private Limited	0.10	New Delhi	28-05-2019
406	Azure Power Thirty Eight Private Limited	0.02	New Delhi	28-05-2019

407	Azure Power Thirty Eight Private Limited	0.04	New Delhi	28-05-2019
408	Azure Power Rooftop Four Private Limited	0.04	Chhattisgarh	29-05-2019
409	Azure Power Thirty Eight Private Limited	0.01	New Delhi	29-05-2019
410	Azure Power Thirty Eight Private Limited	0.22	New Delhi	29-05-2019
411	Azure Power Thirty Eight Private Limited	0.04	New Delhi	29-05-2019
412	Azure Power Thirty Eight Private Limited	0.08	New Delhi	30-05-2019
413	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	31-05-2019
414	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	04-06-2019
415	Azure Power Rooftop One Private Limited	0.20	Haryana	10-06-2019
416	Azure Power Thirty Eight Private Limited	0.05	New Delhi	10-06-2019
417	Azure Power Rooftop One Private Limited	0.62	Punjab	11-06-2019
418	Azure Power Thirty Eight Private Limited	0.05	New Delhi	12-06-2019
419	Azure Power Thirty Eight Private Limited	0.08	New Delhi	12-06-2019
420	Azure Power Thirty Eight Private Limited	0.14	New Delhi	12-06-2019
421	Azure Power Thirty Eight Private Limited	0.04	New Delhi	14-06-2019
422	Azure Power Rooftop One Private Limited	0.36	Haryana	19-06-2019
423	Azure Power Rooftop One Private Limited	0.02	Chhattisgarh	20-06-2019
424	Azure Power Rooftop One Private Limited	0.02	Chhattisgarh	20-06-2019
425	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	20-06-2019
426	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	20-06-2019
427	Azure Power Rooftop Four Private Limited	0.06	Kerala	20-06-2019
428	Azure Power Rooftop Four Private Limited	0.25	Kerala	20-06-2019
429	Azure Power Rooftop Four Pvt Ltd.	0.05	Tamil Nadu	20-06-2019
430	Azure Power Rooftop One Private Limited	0.02	Chhattisgarh	21-06-2019
431	Azure Power Rooftop One Private Limited	0.04	Chhattisgarh	21-06-2019
432	Azure Power Rooftop One Private Limited	0.27	Odisha	21-06-2019
433	Azure Power Rooftop One Private Limited	0.11	West Bengal	21-06-2019
434	Azure Power Rooftop One Private Limited	1.50	West Bengal	21-06-2019
435	Azure Power Rooftop One Private Limited	2.97	West Bengal	21-06-2019
436	Azure Power Rooftop One Private Limited	0.03	Chhattisgarh	22-06-2019
437	Azure Power Genco Private Limited	0.11	Chhattisgarh	22-06-2019
438	Azure Power Rooftop One Private Limited	0.03	Kerala	22-06-2019
439	Azure Power Rooftop One Private Limited	0.03	Kerala	22-06-2019
440	Azure Power Rooftop One Private Limited	0.03	Kerala	22-06-2019
441	Azure Power Rooftop One Private Limited	0.03	Kerala	22-06-2019
442	Azure Power Rooftop One Private Limited	0.03	Kerala	22-06-2019
443	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
444	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
445	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019

446	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
447	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
448	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
449	Azure Power Rooftop One Private Limited	0.04	Kerala	22-06-2019
450	Azure Power Rooftop One Private Limited	0.05	Kerala	22-06-2019
451	Azure Power Rooftop One Private Limited	0.05	Kerala	22-06-2019
452	Azure Power Rooftop One Private Limited	0.06	Kerala	22-06-2019
453	Azure Power Rooftop One Private Limited	0.06	Kerala	22-06-2019
454	Azure Power Rooftop One Private Limited	0.07	Kerala	22-06-2019
455	Azure Power Rooftop One Private Limited	0.13	Kerala	22-06-2019
456	Azure Sunlight private limited	0.07	Odisha	22-06-2019
457	Azure Power Rooftop One Private Limited	0.03	West Bengal	22-06-2019
458	Azure Power Rooftop One Private Limited	0.03	West Bengal	22-06-2019
459	Azure Power Rooftop One Private Limited	0.03	West Bengal	22-06-2019
460	Azure Power Rooftop One Private Limited	0.03	West Bengal	22-06-2019
461	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
462	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
463	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
464	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
465	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
466	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
467	Azure Power Rooftop One Private Limited	0.04	West Bengal	22-06-2019
468	Azure Power Rooftop One Private Limited	0.05	West Bengal	22-06-2019
469	Azure Power Rooftop One Private Limited	0.07	West Bengal	22-06-2019
470	Azure Power Rooftop One Private Limited	0.07	West Bengal	22-06-2019
471	Azure Power Rooftop One Private Limited	0.09	West Bengal	22-06-2019
472	Azure Power Rooftop One Private Limited	0.19	West Bengal	22-06-2019
473	Azure Power Rooftop One Private Limited	0.36	West Bengal	22-06-2019
474	Azure Power Rooftop One Private Limited	0.63	West Bengal	22-06-2019
475	Azure Power Thirty Eight Private Limited	0.09	New Delhi	01-07-2019
476	Azure Power Rooftop One Private Limited	0.04	Haryana	04-07-2019
477	Azure Power Rooftop One Private Limited	0.11	Haryana	04-07-2019
478	Azure Power Rooftop One Private Limited	0.04	Haryana	04-07-2019
479	Azure Power Rooftop One Private Limited	0.15	New Delhi	05-07-2019
480	Azure Power Thirty Eight Private Limited	0.02	New Delhi	09-07-2019
481	Azure Power Thirty Eight Private Limited	0.11	New Delhi	09-07-2019
482	Azure Power Thirty Eight Private Limited	0.13	New Delhi	09-07-2019
483	Azure Power Rooftop One Private Limited	0.15	New Delhi	12-07-2019
484	Azure Power Rooftop Four Private Limited	0.10	Tamil Nadu	26-07-2019
485	Azure Power Rooftop Four Private Limited	0.05	Tamil Nadu	07-08-2019
486	Azure power Rooftop one Private Limited	0.05	Rajasthan	01-10-2019
487	Azure power Rooftop one Private Limited	0.21	Rajasthan	01-10-2019
488	Azure power Rooftop one Private Limited	0.03	Rajasthan	01-10-2019
489	Azure power Rooftop one Private Limited	0.10	Rajasthan	01-10-2019
490	Azure power Rooftop one Private Limited	0.21	Rajasthan	01-10-2019
Total		84.75		

The total AC capacity of the project activity is 84.75 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 127,534 tonnes of CO₂e and total GHG emission reductions for the chosen 10 year crediting period will be 1,402,871 tonnes of CO₂e.

During this monitoring period, the actual emission reductions to be achieved are 259,093 tCO₂e.

In this process there is no consumption of any fossil fuel and hence the project does not lead to any greenhouse gas emissions. Thus, electricity would be generated through sustainable means without causing any negative impact on the environment. In the Pre- project scenario the equivalent amount of electricity delivered to the grid by the project activity, would have otherwise been generated by the operation of grid-connected fossil fuel based power plants and by the addition of new generation sources.

1.2 Sectoral Scope and Project Type

The project activity falls under consideration of the grouped project activity. The project activity instances as part of the grouped project will have the following parameters

Sectoral Scope: 01 - Energy industries (renewable / non-renewable sources)

Project Type : I - Renewable Energy Projects

Project Category:

For each project activity instances will apply only solar technology. However each project activity instances will be small scale.

Methodology :

For small scale off grid project activities, below methodology will be applied

AMS-I.F.: Renewable electricity generation for captive use and mini-grid --- Version 3.0¹

For small scale grid connected project activities, below methodology will be applied

AMS-I.D.” Grid Connected renewable electricity generation – Version 18.0²

The project activity under consideration is a grouped project activity.

1.3 Project Proponent

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

Azure Power India Pvt Ltd as a parent company of all project activity instances formed as different SPV (Special Purpose Vehicles) for solar projects and projects are developed by name of SPVs.

¹ <https://cdm.unfccc.int/methodologies/DB/9KJWQ1G0WEG6LKHX21MLPS8BQR7242>

² <http://cdm.unfccc.int/UserManagement/FileStorage/2P7FS6ZQAR84LG3NMKYUH50WI9ODBC>

1.4 Other Entities Involved in the Project

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

1.5 Project Start Date

The first project activity instance of the grouped project under consideration was commissioned (2.57 MW) and power generation started 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

The commissioning details are mentioned in Section 1.1.

1.6 Project Crediting Period

Crediting Period Start date: 28/12/2017

Crediting Period End date: 27/12/2027

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

1.7 Project Scale and Estimated GHG Emission Reductions or Removals

Project Scale	
Project	✓
Large project	

As per section 3.9.1 of VCS standard Version 3.7, the projects are classified as follows:

- 1) Projects: Less than or equal to 300,000 tonnes of CO₂e per year
- 2) Large projects: Greater than 300,000 tonnes of CO₂e per year

Year	Estimated GHG emission reductions or removals (tCO ₂ e)
2017	1,540
2018	140,449
2019	140,379
2020	140,308
2021	140,238
2022	140,168
2023	140,098
2024	140,028
2025	139,958
2026	139,888
2027	139,818

Total estimated ERs	1,402,871
Total number of crediting years	10
Average annual ERs	127,534

The above annual estimation for initial project activity instances is based on estimated PLF and total capacity of all project activity instances, irrespective of commissioning date of project activity instances, thus in actual emission reductions vary based on actual PLF and commissioning date of project activity instance.

The first project activity instance categorised as large project and rest project activity instances are categorised as projects.

SPV Name	Capacity (MW)	PLF	Net Generation	Baseline Emission factor	Baseline emissions	Project emissions	Leakage Emissions	Emission reductions
			(MWh/year)	(tCO ₂ /MWh)	(tCO ₂ e/year)	(tCO ₂ e/year)	(tCO ₂ e/year)	(tCO ₂ e/year)
Azure Power Thirty Eight Private Limited	2.57	20%	4,510	0.9368	4,224	0	0	4,224
Azure Power Forty Four Private Limited	0.72	20%	1,266	0.9368	1,185	0	0	1,185
Azure Power Forty Four Private Limited	0.07	22%	144	0.9368	134	0	0	134
Azure Power Forty Four Private Limited	0.50	22%	961	0.9368	900	0	0	900
Azure Power Forty Four Private Limited	0.22	20%	376	0.9368	352	0	0	352
Azure Power Forty Four Private Limited	0.02	22%	29	0.9368	27	0	0	27
Azure Sunlight private limited	0.03	22%	57	0.9368	53	0	0	53
Azure Sunlight private limited	0.03	22%	58	0.9368	54	0	0	54
Azure Sunlight private limited	0.05	22%	88	0.9368	82	0	0	82
Azure Sunlight private limited	0.07	22%	136	0.9368	127	0	0	127
Azure Sunlight private limited	0.09	20%	157	0.9368	147	0	0	147
Azure Power Mercury private limited	0.03	20%	51	0.9368	47	0	0	47
Azure Power Forty Four Private Limited	0.00	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Forty Four Private Limited	0.03	20%	60	0.9368	56	0	0	56
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.06	20%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.01	20%	24	0.9368	22	0	0	22
Azure Power Forty Four Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Forty Four Private Limited	0.53	20%	925	0.9368	866	0	0	866
Azure Power Forty Four Private Limited	0.09	20%	165	0.9368	154	0	0	154

Azure Power Forty Four Private Limited	0.29	20%	508	0.9368	475	0	0	475
Azure Power Rooftop Three Private Limited	0.14	22%	269	0.9368	251	0	0	251
Azure Power Thirty Eight Private Limited	1.69	20%	2,962	0.9368	2,774	0	0	2,774
Azure Power Forty Four Private Limited	0.06	20%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.02	20%	33	0.9368	30	0	0	30
Azure Power Forty Four Private Limited	0.01	22%	28	0.9368	26	0	0	26
Azure Power Mercury private limited	0.02	20%	41	0.9368	38	0	0	38
Azure Power Mercury private limited	0.05	20%	94	0.9368	88	0	0	88
Azure Power Mercury private limited	0.19	20%	327	0.9368	306	0	0	306
Azure Power Mercury private limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Mercury private limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Mercury private limited	0.05	20%	80	0.9368	74	0	0	74
Azure Power Forty Four Private Limited	0.22	20%	376	0.9368	352	0	0	352
Azure Power Mercury private limited	0.03	20%	49	0.9368	45	0	0	45
Azure Power Mercury private limited	0.10	20%	177	0.9368	165	0	0	165
Azure Power Forty Four Private Limited	0.09	20%	157	0.9368	147	0	0	147
Azure Power Forty Four Private Limited	0.04	22%	76	0.9368	71	0	0	71
Azure Power Forty Four Private Limited	0.11	22%	205	0.9368	192	0	0	192
Azure Power Forty Four Private Limited	0.20	22%	386	0.9368	361	0	0	361
Azure Power Rooftop One Private Limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Forty Four Private Limited	0.58	22%	1,110	0.9368	1,039	0	0	1,039
Azure Power Forty Four Private Limited	0.02	22%	47	0.9368	44	0	0	44
Azure Power Forty Four Private Limited	0.03	22%	66	0.9368	61	0	0	61
Azure Power Forty Four Private Limited	0.01	22%	28	0.9368	26	0	0	26
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	15	0.9368	14	0	0	14
Azure Power Forty Four Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Forty Four Private Limited	0.20	20%	350	0.9368	327	0	0	327
Azure Power Forty Four Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Forty Four Private Limited	0.03	20%	51	0.9368	47	0	0	47
Azure power Saturn Private Limited	1.06	20%	1,850	0.9368	1,733	0	0	1,733
Azure Power Thirty Eight Private Limited	1.19	20%	2,089	0.9368	1,956	0	0	1,956

Azure Power Forty Four Private Limited	0.37	20%	648	0.9368	607	0	0	607
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Forty Four Private Limited	0.00	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Forty Four Private Limited	0.02	20%	33	0.9368	30	0	0	30
Azure Power Forty Four Private Limited	0.01	20%	25	0.9368	23	0	0	23
Azure Power Forty Four Private Limited	0.03	20%	51	0.9368	47	0	0	47
Azure Power Forty Four Private Limited	0.17	20%	293	0.9368	274	0	0	274
Azure Power Forty Four Private Limited	0.35	20%	613	0.9368	574	0	0	574
Azure Power Forty Four Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Forty Four Private Limited	0.17	20%	297	0.9368	278	0	0	278
Azure Power Forty Four Private Limited	0.18	20%	318	0.9368	297	0	0	297
Azure Power Forty Four Private Limited	0.68	20%	1,182	0.9368	1,107	0	0	1,107
Azure Power Forty Four Private Limited	0.30	22%	578	0.9368	541	0	0	541
Azure Power Thirty Eight Private Limited	0.80	20%	1,410	0.9368	1,320	0	0	1,320
Azure Power Mercury private limited	0.02	20%	39	0.9368	36	0	0	36
Azure Power Mercury private limited	0.05	20%	83	0.9368	77	0	0	77
Azure Power Forty Four Private Limited	0.03	22%	48	0.9368	44	0	0	44
Azure Power Forty Four Private Limited	0.04	22%	67	0.9368	62	0	0	62
Azure Power Mercury private limited	0.15	20%	267	0.9368	250	0	0	250
Azure Power Mercury private limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Forty Four Private Limited	0.07	22%	135	0.9368	126	0	0	126
Azure Power Mercury private limited	0.01	20%	15	0.9368	14	0	0	14
Azure Power Mercury private limited	0.02	20%	28	0.9368	26	0	0	26
Azure Power Mercury private limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Mercury private limited	0.05	20%	82	0.9368	76	0	0	76
Azure Power Mercury private limited	0.13	19%	208	0.9368	194	0	0	194
Azure Power Mercury private limited	0.01	20%	17	0.9368	15	0	0	15

Azure Power Mercury private limited	0.03	20%	53	0.9368	49	0	0	49
Azure Power Mercury private limited	0.06	20%	99	0.9368	92	0	0	92
Azure Power Mercury private limited	0.20	20%	346	0.9368	324	0	0	324
Azure Power Forty Four Private Limited	0.06	20%	97	0.9368	90	0	0	90
Azure Power Mercury private limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Forty Four Private Limited	0.10	22%	189	0.9368	177	0	0	177
Azure Power Mercury private limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Forty Four Private Limited	1.21	20%	2,112	0.9368	1,978	0	0	1,978
Azure Power Forty Four Private Limited	0.01	20%	18	0.9368	16	0	0	16
Azure Power Forty Four Private Limited	0.17	20%	289	0.9368	270	0	0	270
Azure power Saturn Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.05	22%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Forty Four Private Limited	0.01	22%	19	0.9368	17	0	0	17
Azure Power Forty Four Private Limited	0.01	22%	19	0.9368	17	0	0	17
Azure Power Forty Four Private Limited	2.60	20%	4,555	0.9368	4,267	0	0	4,267
Azure Power Forty Four Private Limited	0.02	20%	43	0.9368	40	0	0	40
Azure Power Forty Four Private Limited	0.44	22%	847	0.9368	793	0	0	793
Azure Power Mercury private limited	0.01	20%	16	0.9368	14	0	0	14
Azure Power Mercury private limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Mercury private limited	0.04	20%	67	0.9368	62	0	0	62
Azure Power Mercury private limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Mercury private limited	0.08	20%	140	0.9368	131	0	0	131
Azure Power Mercury private limited	0.15	20%	262	0.9368	245	0	0	245
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Mercury private limited	0.02	20%	28	0.9368	26	0	0	26
Azure Power Mercury private limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Mercury private limited	0.11	20%	194	0.9368	181	0	0	181
Azure Power Mercury private limited	0.13	20%	226	0.9368	211	0	0	211
Azure Power Mercury private limited	0.24	20%	420	0.9368	393	0	0	393
Azure Power Mercury private limited	0.02	20%	26	0.9368	24	0	0	24

Azure Power Forty Four Private Limited	0.05	22%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.02	22%	28	0.9368	26	0	0	26
Azure Power Forty Four Private Limited	0.04	22%	67	0.9368	62	0	0	62
Azure Power Forty Four Private Limited	0.13	22%	240	0.9368	224	0	0	224
Azure Power Forty Four Private Limited	0.05	22%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.50	22%	963	0.9368	902	0	0	902
Azure Power Forty Four Private Limited	0.20	20%	349	0.9368	326	0	0	326
Azure Power Rooftop Four Private Limited	0.11	20%	192	0.9368	179	0	0	179
Azure Power Rooftop Four Private Limited	0.25	23%	503	0.9368	471	0	0	471
Azure Power Rooftop One Private Limited	0.03	20%	44	0.9368	41	0	0	41
Azure Power Rooftop One Private Limited	0.10	20%	175	0.9368	163	0	0	163
Azure Power Rooftop One Private Limited	1.48	20%	2,593	0.9368	2,429	0	0	2,429
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.06	20%	105	0.9368	98	0	0	98
Azure Power Rooftop One Private Limited	1.02	20%	1,787	0.9368	1,674	0	0	1,674
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.05	20%	88	0.9368	82	0	0	82
Azure Power Rooftop One Private Limited	0.05	20%	88	0.9368	82	0	0	82
Azure Power Rooftop Four Private Limited	0.08	20%	140	0.9368	131	0	0	131
Azure Power Rooftop One Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Rooftop One Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Rooftop One Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Rooftop One Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Rooftop One Private Limited	0.02	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.03	20%	60	0.9368	56	0	0	56
Azure Power Rooftop One Private Limited	0.04	20%	78	0.9368	73	0	0	73
Azure Power Rooftop One Private Limited	0.06	20%	96	0.9368	89	0	0	89
Azure Power Rooftop One Private Limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Rooftop One Private Limited	0.08	20%	140	0.9368	131	0	0	131
Azure Power Rooftop One Private Limited	0.10	20%	183	0.9368	171	0	0	171

Azure Power Rooftop One Private Limited	0.14	20%	245	0.9368	229	0	0	229
Azure Power Rooftop One Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	44	0.9368	41	0	0	41
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.06	20%	96	0.9368	89	0	0	89
Azure Power Rooftop One Private Limited	0.06	20%	105	0.9368	98	0	0	98
Azure Power Rooftop One Private Limited	0.06	20%	105	0.9368	98	0	0	98
Azure Power Rooftop One Private Limited	0.07	20%	114	0.9368	106	0	0	106
Azure Power Rooftop One Private Limited	0.07	20%	114	0.9368	106	0	0	106
Azure Power Rooftop One Private Limited	0.09	20%	158	0.9368	148	0	0	148
Azure Power Rooftop One Private Limited	0.10	20%	182	0.9368	170	0	0	170
Azure Power Rooftop One Private Limited	0.11	20%	192	0.9368	179	0	0	179
Azure Power Rooftop One Private Limited	0.12	20%	210	0.9368	196	0	0	196
Azure Power Rooftop One Private Limited	0.14	20%	244	0.9368	228	0	0	228
Azure Power Rooftop One Private Limited	0.16	20%	280	0.9368	262	0	0	262
Azure Power Rooftop One Private Limited	0.40	20%	700	0.9368	655	0	0	655
Azure Power Rooftop One Private Limited	0.40	20%	700	0.9368	655	0	0	655
Azure Power Rooftop One Private Limited	0.40	20%	701	0.9368	656	0	0	656
Azure Power Rooftop One Private Limited	0.60	20%	1,051	0.9368	984	0	0	984
Azure Power Rooftop One Private Limited	0.70	20%	1,223	0.9368	1,145	0	0	1,145
Azure Power Rooftop One Private Limited	1.00	20%	1,752	0.9368	1,641	0	0	1,641
Azure Power Rooftop One Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.04	20%	78	0.9368	73	0	0	73

Azure Power Rooftop One Private Limited	0.05	20%	79	0.9368	74	0	0	74
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.05	20%	96	0.9368	89	0	0	89
Azure Power Rooftop One Private Limited	0.06	20%	96	0.9368	89	0	0	89
Azure Power Rooftop One Private Limited	0.07	20%	113	0.9368	105	0	0	105
Azure Power Rooftop One Private Limited	0.07	20%	113	0.9368	105	0	0	105
Azure Power Rooftop One Private Limited	0.07	20%	113	0.9368	105	0	0	105
Azure Power Rooftop One Private Limited	0.09	20%	157	0.9368	147	0	0	147
Azure Power Rooftop One Private Limited	0.10	20%	166	0.9368	155	0	0	155
Azure Power Rooftop One Private Limited	0.12	20%	201	0.9368	188	0	0	188
Azure Power Rooftop One Private Limited	0.12	20%	218	0.9368	204	0	0	204
Azure Power Rooftop One Private Limited	0.13	20%	219	0.9368	205	0	0	205
Azure Power Rooftop One Private Limited	0.13	20%	227	0.9368	212	0	0	212
Azure Power Rooftop One Private Limited	0.15	20%	257	0.9368	240	0	0	240
Azure Power Rooftop One Private Limited	0.15	20%	262	0.9368	245	0	0	245
Azure Power Rooftop One Private Limited	0.18	20%	306	0.9368	286	0	0	286
Azure Power Rooftop One Private Limited	0.18	20%	315	0.9368	295	0	0	295
Azure Power Rooftop One Private Limited	0.19	20%	324	0.9368	303	0	0	303
Azure Power Rooftop One Private Limited	0.26	20%	455	0.9368	426	0	0	426
Azure Power Rooftop One Private Limited	0.47	20%	823	0.9368	770	0	0	770
Azure Power Rooftop One Private Limited	0.48	20%	832	0.9368	779	0	0	779
Azure Power Rooftop One Private Limited	0.50	20%	876	0.9368	820	0	0	820
Azure Power Rooftop One Private Limited	0.50	20%	876	0.9368	820	0	0	820
Azure Power Rooftop One Private Limited	0.50	20%	876	0.9368	820	0	0	820
Azure Power Rooftop One Private Limited	0.54	20%	946	0.9368	886	0	0	886
Azure Power Rooftop One Private Limited	1.00	20%	1,748	0.9368	1,637	0	0	1,637
Azure Power Rooftop One Private Limited	1.00	20%	1,752	0.9368	1,641	0	0	1,641
Azure Power Rooftop One Private Limited	1.00	20%	1,752	0.9368	1,641	0	0	1,641
Azure Power Rooftop One Private Limited	1.00	20%	1,752	0.9368	1,641	0	0	1,641
Azure Power Rooftop One Private Limited	1.00	20%	1,753	0.9368	1,642	0	0	1,642

Azure Power Rooftop One Private Limited	1.11	20%	1,937	0.9368	1,814	0	0	1,814
Azure Power Rooftop One Private Limited	1.11	20%	1,937	0.9368	1,814	0	0	1,814
Azure Power Forty Four Private Limited	0.10	20%	166	0.9368	155	0	0	155
Azure Power Forty Four Private Limited	0.02	20%	43	0.9368	40	0	0	40
Azure Power Forty Four Private Limited	0.01	22%	27	0.9368	25	0	0	25
Azure Power Thirty Eight Private Limited	0.63	20%	1,100	0.9368	1,030	0	0	1,030
Azure Power Rooftop Four Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Rooftop Four Private Limited	0.20	23%	402	0.9368	376	0	0	376
Azure Power Rooftop Four Private Limited	0.33	23%	654	0.9368	612	0	0	612
Azure Power Forty Four Private Limited	0.30	20%	525	0.9368	491	0	0	491
Azure Power Forty Four Private Limited	0.01	22%	27	0.9368	25	0	0	25
Azure Power Forty Four Private Limited	0.02	22%	47	0.9368	44	0	0	44
Azure Power Forty Four Private Limited	0.08	22%	159	0.9368	148	0	0	148
Azure Power Rooftop Four Private Limited	0.05	20%	96	0.9368	89	0	0	89
Azure Power Forty Four Private Limited	0.12	20%	201	0.9368	188	0	0	188
Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop Four Private Limited	0.12	20%	218	0.9368	204	0	0	204
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure power Rooftop one Private Limited	0.06	20%	105	0.9368	98	0	0	98
Azure power Rooftop one Private Limited	0.30	20%	525	0.9368	491	0	0	491
Azure power Rooftop one Private Limited	0.05	20%	79	0.9368	74	0	0	74
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure Power Forty Four Private Limited	0.09	22%	182	0.9368	170	0	0	170
Azure power Rooftop one Private Limited	0.11	22%	202	0.9368	189	0	0	189
Azure power Rooftop one Private Limited	0.06	20%	96	0.9368	89	0	0	89
Azure Power Rooftop Four Private Limited	0.30	20%	522	0.9368	489	0	0	489
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure power Rooftop one Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Forty Four Private Limited	0.08	22%	144	0.9368	134	0	0	134
Azure Power Rooftop One Private Limited	2.84	20%	4,975	0.9368	4,660	0	0	4,660
Azure Power Thirty Eight Private Limited	1.82	20%	3,182	0.9368	2,980	0	0	2,980
Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure power Rooftop one Private Limited	0.08	20%	131	0.9368	122	0	0	122

Azure power Rooftop one Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Forty Four Private Limited	0.18	20%	315	0.9368	295	0	0	295
Azure Power Forty Four Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Forty Four Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop Four Private Limited	0.13	23%	251	0.9368	235	0	0	235
Azure Power Rooftop Four Private Limited	0.13	23%	251	0.9368	235	0	0	235
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.02	20%	43	0.9368	40	0	0	40
Azure power Rooftop one Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Forty Four Private Limited	0.02	22%	28	0.9368	26	0	0	26
Azure Power Mercury private limited	0.02	20%	28	0.9368	26	0	0	26
Azure Power Mercury private limited	0.02	20%	31	0.9368	29	0	0	29
Azure Power Mercury private limited	0.05	20%	89	0.9368	83	0	0	83
Azure power Rooftop one Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure power Rooftop one Private Limited	0.05	20%	79	0.9368	74	0	0	74
Azure Power Mercury private limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Mercury private limited	0.08	20%	133	0.9368	124	0	0	124
Azure Power Mercury private limited	0.02	20%	42	0.9368	39	0	0	39
Azure Power Mercury private limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Mercury private limited	0.02	20%	40	0.9368	37	0	0	37
Azure Power Forty Four Pvt Ltd	0.04	22%	77	0.9368	72	0	0	72
Azure power Rooftop one Private Limited	0.05	22%	87	0.9368	81	0	0	81
Azure power Rooftop one Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Mercury private limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Mercury private limited	0.02	20%	26	0.9368	24	0	0	24
Azure power Rooftop one Private Limited	0.07	20%	113	0.9368	105	0	0	105
Azure Power Mercury private limited	0.01	20%	20	0.9368	18	0	0	18
Azure power Rooftop one Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure power Rooftop one Private Limited	0.05	20%	79	0.9368	74	0	0	74
Azure Power Thirty Eight Private Limited	0.06	20%	107	0.9368	100	0	0	100
Azure Power Thirty Eight Private Limited	0.07	20%	122	0.9368	114	0	0	114
Azure Power Thirty Eight Private Limited	0.14	20%	248	0.9368	232	0	0	232

Azure Power Thirty Eight Private Limited	0.23	20%	406	0.9368	380	0	0	380
Azure Power Thirty Eight Private Limited	0.46	20%	800	0.9368	749	0	0	749
Azure power Rooftop one Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure power Rooftop one Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure power Rooftop one Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure Power Rooftop Four Private Limited	0.03	23%	50	0.9368	46	0	0	46
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Rooftop One Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure Power Rooftop Four Private Limited	0.35	23%	705	0.9368	660	0	0	660
Azure Power Rooftop Four Private Limited	0.06	23%	110	0.9368	103	0	0	103
Azure Power Thirty Eight Private Limited	0.17	20%	300	0.9368	281	0	0	281
Azure Power Thirty Eight Private Limited	0.17	20%	302	0.9368	282	0	0	282
Azure Power Thirty Eight Private Limited	0.18	20%	314	0.9368	294	0	0	294
Azure Power Rooftop One Private Limited	0.06	20%	104	0.9368	97	0	0	97
Azure Power Rooftop One Private Limited	0.60	20%	1,043	0.9368	977	0	0	977
Azure Power Rooftop Four Private Limited	0.13	20%	227	0.9368	212	0	0	212
Azure Power Forty Four Private Limited	0.01	20%	8	0.9368	7	0	0	7
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop Four Private Limited	0.13	20%	227	0.9368	212	0	0	212
Azure Power Forty Four Private Limited	0.16	22%	312	0.9368	292	0	0	292
Azure Power Rooftop Four Private Limited	0.05	23%	102	0.9368	95	0	0	95
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Forty Four Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Forty Four Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Forty Four Private Limited	0.23	20%	394	0.9368	369	0	0	369
Azure Power Forty Four Private Limited	0.23	20%	411	0.9368	385	0	0	385
Azure Power Rooftop Four Private Limited	0.17	20%	296	0.9368	277	0	0	277

Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop Four Private Limited	0.27	20%	471	0.9368	441	0	0	441
Azure Power Rooftop Four Private Limited	0.04	20%	69	0.9368	64	0	0	64
Azure Power Forty Four Private Limited	0.01	22%	28	0.9368	26	0	0	26
Azure Power Forty Four Private Limited	0.02	22%	36	0.9368	33	0	0	33
Azure Power Forty Four Private Limited	0.03	22%	57	0.9368	53	0	0	53
Azure Power Forty Four Private Limited	0.05	22%	97	0.9368	90	0	0	90
Azure Power Forty Four Private Limited	0.20	22%	385	0.9368	360	0	0	360
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Genco Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Genco Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Genco Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Genco Private Limited	0.05	20%	78	0.9368	73	0	0	73
Azure Power Genco Private Limited	1.00	20%	1,748	0.9368	1,637	0	0	1,637
Azure Power Genco Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Genco Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Forty Four Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Forty Four Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Forty Four Private Limited	0.01	22%	24	0.9368	22	0	0	22
Azure Power Forty Four Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Forty Four Private Limited	0.00	20%	7	0.9368	6	0	0	6
Azure Power Thirty Eight Private Limited	0.29	20%	514	0.9368	481	0	0	481
Azure Power Forty Four Private Limited	0.02	22%	34	0.9368	31	0	0	31
Azure Power Mercury private limited	0.06	20%	106	0.9368	99	0	0	99
Azure Power Mercury private limited	0.27	20%	473	0.9368	443	0	0	443
Azure Power Rooftop One Private Limited	0.15	20%	262	0.9368	245	0	0	245
Solar Power Rooftop Three Pvt. Ltd	6.00	20%	10,512	0.9368	9,847	0	0	9,847
Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure Power Thirty Eight Private Limited	0.04	20%	72	0.9368	67	0	0	67
Azure Sunlight private limited	0.08	23%	159	0.9368	148	0	0	148
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188
Azure Power Mercury private limited	0.01	20%	19	0.9368	17	0	0	17

Azure Power Mercury private limited	0.01	20%	20	0.9368	18	0	0	18
Azure Power Mercury private limited	0.02	20%	41	0.9368	38	0	0	38
Azure Power Mercury private limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Mercury private limited	0.03	20%	44	0.9368	41	0	0	41
Azure Power Thirty Eight Private Limited	0.12	20%	204	0.9368	191	0	0	191
Azure Power Forty Four Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Forty Four Private Limited	0.18	22%	342	0.9368	320	0	0	320
Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure Power Mercury private limited	0.06	20%	102	0.9368	95	0	0	95
Azure Power Mercury private limited	0.05	20%	95	0.9368	88	0	0	88
Azure Power Forty Four Private Limited	0.06	22%	116	0.9368	108	0	0	108
Azure Power Forty Four Private Limited	0.10	22%	189	0.9368	177	0	0	177
Azure Power Forty Four Private Limited	0.02	22%	38	0.9368	35	0	0	35
Azure Power Forty Four Private Limited	0.08	22%	152	0.9368	142	0	0	142
Azure Power Rooftop Four Private Limited	0.05	23%	102	0.9368	95	0	0	95
Azure Power Forty Four Private Limited	0.01	20%	15	0.9368	14	0	0	14
Azure Power Mercury private limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Mercury private limited	0.01	20%	19	0.9368	17	0	0	17
Azure Power Mercury private limited	0.01	20%	19	0.9368	17	0	0	17
Azure Power Mercury private limited	0.02	20%	38	0.9368	35	0	0	35
Azure Power Mercury private limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Forty Four Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure power Saturn Private Limited	0.78	20%	1,373	0.9368	1,286	0	0	1,286
Azure power Rooftop one Private Limited	0.04	22%	67	0.9368	62	0	0	62
Azure Power Genco Private Limited	0.02	20%	35	0.9368	32	0	0	32
Azure Power Genco Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Genco Private Limited	0.06	20%	105	0.9368	98	0	0	98
Azure Power Genco Private Limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Genco Private Limited	0.15	20%	255	0.9368	238	0	0	238
Azure Power Genco Private Limited	0.42	20%	736	0.9368	689	0	0	689
Azure Power Genco Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Genco Private Limited	0.07	20%	122	0.9368	114	0	0	114

Azure Power Genco Private Limited	0.10	20%	175	0.9368	163	0	0	163
Azure Power Genco Private Limited	0.11	20%	193	0.9368	180	0	0	180
Azure Power Genco Private Limited	0.13	20%	219	0.9368	205	0	0	205
Azure Power Rooftop Four Private Limited	0.03	20%	44	0.9368	41	0	0	41
Azure power Saturn Private Limited	1.50	20%	2,628	0.9368	2,461	0	0	2,461
Azure Power Genco Private Limited	0.08	20%	141	0.9368	132	0	0	132
Azure Power Thirty Eight Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Thirty Eight Private Limited	0.08	20%	133	0.9368	124	0	0	124
Azure Power Genco Private Limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Rooftop Four Pvt Ltd.	0.05	23%	100	0.9368	93	0	0	93
Azure Power Rooftop One Private Limited	0.52	20%	902	0.9368	844	0	0	844
Azure Power Genco Private Limited	0.07	20%	122	0.9368	114	0	0	114
Azure Power Genco Private Limited	0.06	21%	110	0.9368	103	0	0	103
Azure Power Genco Private Limited	0.21	20%	370	0.9368	346	0	0	346
Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure Power Thirty Eight Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Thirty Eight Private Limited	0.02	20%	27	0.9368	25	0	0	25
Azure Power Thirty Eight Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Thirty Eight Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Thirty Eight Private Limited	0.10	20%	175	0.9368	163	0	0	163
Azure Power Thirty Eight Private Limited	0.02	20%	30	0.9368	28	0	0	28
Azure Power Thirty Eight Private Limited	0.04	20%	75	0.9368	70	0	0	70
Azure Power Rooftop Four Private Limited	0.04	20%	71	0.9368	66	0	0	66
Azure Power Thirty Eight Private Limited	0.01	20%	17	0.9368	15	0	0	15
Azure Power Thirty Eight Private Limited	0.22	20%	385	0.9368	360	0	0	360
Azure Power Thirty Eight Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Thirty Eight Private Limited	0.08	20%	131	0.9368	122	0	0	122
Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure Power Rooftop One Private Limited	0.20	20%	343	0.9368	321	0	0	321
Azure Power Thirty Eight Private Limited	0.05	20%	87	0.9368	81	0	0	81
Azure Power Rooftop One Private Limited	0.62	20%	1,081	0.9368	1,012	0	0	1,012
Azure Power Thirty Eight Private Limited	0.05	20%	87	0.9368	81	0	0	81

Azure Power Thirty Eight Private Limited	0.08	20%	142	0.9368	133	0	0	133
Azure Power Thirty Eight Private Limited	0.14	20%	251	0.9368	235	0	0	235
Azure Power Thirty Eight Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.36	20%	621	0.9368	581	0	0	581
Azure Power Rooftop One Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Rooftop One Private Limited	0.02	20%	34	0.9368	31	0	0	31
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop Four Private Limited	0.06	23%	120	0.9368	112	0	0	112
Azure Power Rooftop Four Private Limited	0.25	23%	504	0.9368	472	0	0	472
Azure Power Rooftop Four Pvt Ltd.	0.05	23%	100	0.9368	93	0	0	93
Azure Power Rooftop One Private Limited	0.02	20%	26	0.9368	24	0	0	24
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.27	20%	464	0.9368	434	0	0	434
Azure Power Rooftop One Private Limited	0.11	20%	201	0.9368	188	0	0	188
Azure Power Rooftop One Private Limited	1.50	20%	2,629	0.9368	2,462	0	0	2,462
Azure Power Rooftop One Private Limited	2.97	20%	5,195	0.9368	4,866	0	0	4,866
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Genco Private Limited	0.11	20%	189	0.9368	177	0	0	177
Azure Power Rooftop One Private Limited	0.03	23%	51	0.9368	47	0	0	47
Azure Power Rooftop One Private Limited	0.03	23%	60	0.9368	56	0	0	56
Azure Power Rooftop One Private Limited	0.03	23%	60	0.9368	56	0	0	56
Azure Power Rooftop One Private Limited	0.03	23%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.03	23%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.04	23%	71	0.9368	66	0	0	66
Azure Power Rooftop One Private Limited	0.04	23%	72	0.9368	67	0	0	67
Azure Power Rooftop One Private Limited	0.04	23%	81	0.9368	75	0	0	75
Azure Power Rooftop One Private Limited	0.04	23%	81	0.9368	75	0	0	75
Azure Power Rooftop One Private Limited	0.04	23%	81	0.9368	75	0	0	75
Azure Power Rooftop One Private Limited	0.04	23%	81	0.9368	75	0	0	75
Azure Power Rooftop One Private Limited	0.04	23%	82	0.9368	76	0	0	76
Azure Power Rooftop One Private Limited	0.05	23%	91	0.9368	85	0	0	85
Azure Power Rooftop One Private Limited	0.05	23%	91	0.9368	85	0	0	85

Azure Power Rooftop One Private Limited	0.06	23%	111	0.9368	103	0	0	103
Azure Power Rooftop One Private Limited	0.06	23%	121	0.9368	113	0	0	113
Azure Power Rooftop One Private Limited	0.07	23%	130	0.9368	121	0	0	121
Azure Power Rooftop One Private Limited	0.13	23%	252	0.9368	236	0	0	236
Azure Sunlight private limited	0.07	20%	124	0.9368	116	0	0	116
Azure Power Rooftop One Private Limited	0.03	20%	43	0.9368	40	0	0	40
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.03	20%	52	0.9368	48	0	0	48
Azure Power Rooftop One Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.04	20%	61	0.9368	57	0	0	57
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.04	20%	71	0.9368	66	0	0	66
Azure Power Rooftop One Private Limited	0.05	20%	88	0.9368	82	0	0	82
Azure Power Rooftop One Private Limited	0.07	20%	113	0.9368	105	0	0	105
Azure Power Rooftop One Private Limited	0.07	20%	122	0.9368	114	0	0	114
Azure Power Rooftop One Private Limited	0.09	20%	157	0.9368	147	0	0	147
Azure Power Rooftop One Private Limited	0.19	20%	335	0.9368	313	0	0	313
Azure Power Rooftop One Private Limited	0.36	20%	622	0.9368	582	0	0	582
Azure Power Rooftop One Private Limited	0.63	20%	1,104	0.9368	1,034	0	0	1,034
Azure Power Thirty Eight Private Limited	0.09	20%	162	0.9368	151	0	0	151
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.11	20%	192	0.9368	179	0	0	179
Azure Power Rooftop One Private Limited	0.04	20%	70	0.9368	65	0	0	65
Azure Power Rooftop One Private Limited	0.15	20%	262	0.9368	245	0	0	245
Azure Power Thirty Eight Private Limited	0.02	20%	40	0.9368	37	0	0	37
Azure Power Thirty Eight Private Limited	0.11	20%	193	0.9368	180	0	0	180
Azure Power Thirty Eight Private Limited	0.13	20%	219	0.9368	205	0	0	205
Azure Power Rooftop One Private Limited	0.15	20%	265	0.9368	248	0	0	248
Azure Power Rooftop Four Private Limited	0.10	23%	201	0.9368	188	0	0	188

Azure Power Rooftop Four Private Limited	0.05	23%	100	0.9368	93	0	0	93
Azure power Rooftop one Private Limited	0.05	22%	87	0.9368	81	0	0	81
Azure power Rooftop one Private Limited	0.21	22%	405	0.9368	379	0	0	379
Azure power Rooftop one Private Limited	0.03	22%	48	0.9368	44	0	0	44
Azure power Rooftop one Private Limited	0.10	22%	192	0.9368	179	0	0	179
Azure power Rooftop one Private Limited	0.21	22%	405	0.9368	379	0	0	379
Total	84.75		15026 9.00		140519 .0	0	0	140,519

1.8 Description of the Project Activity

The proposed project activity involves the installation of Solar Power Projects. The total capacity of the project is 84.75 MW. The project is promoted by **Azure Power India Pvt Ltd with different SPVs**. The project activity would use solar energy to generate direct current from photovoltaic modules that will be converted into alternating current by inverters. The project activity instances under grouped project activity will be a new power plant (i.e solar PV) at a site where no renewable power plant was operating prior to the implementation of the project activity (green-field plant). The generated electricity will be supplied to grid or uses grid network for captive or third party sale.

The project activity instances will be either small scale project activities grid connected and off grid (with power generation capacity less than 15 MW). However project activity follows AMS I.D. Version 18 or AMS-I.F version 3.0 based on connectivity with the grid of respective project activity instances.

Baseline Scenario:

As per the applicable methodology, a Greenfield power plant is defined as “a new renewable energy power plant that is constructed and operated at a site where no renewable energy power plant was operated prior to the implementation of the project activity”.

As the project activity falls under the definition of a Greenfield power plant, the baseline scenario as per applied methodology is the following:

The baseline scenario is that the electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources into the grid.

Hence, pre-project scenario and baseline scenario are the same.

The estimated lifetime of the project activity is considered as 25 years for solar technology. This may increase depending on the operation & maintenance of the plant.

Details of the commissioning of respective projects are mentioned in Section 1.1 and coordinates of the projects are mentioned in Section 1.9.

The Project activity is a new facility (Greenfield) and the electricity generated by the Project will be exported to the Indian Grid. The Project will therefore displace an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid. The Project Proponent plans to avail the VCS benefits for the Project.

Emission Reductions from anthropogenic sources:

The solar power generated from the Project will be displacing the electricity generated from thermal power stations feeding into Indian grid and will be replacing the usage of diesel generators for meeting the power demand during shortage periods. Since, the solar power is Green House Gas (GHG) emissions free, the power generated will prevent the anthropogenic GHG emissions generated by the fossil fuel based thermal power stations comprising coal, diesel, furnace oil and gas. The estimation of GHG reductions by this project is limited to carbon dioxide (CO₂) only.

All project activity instances are photovoltaic (PV) plant/unit, the project activity instances would use solar energy to generate direct current from photo voltaic modules that will be converted into alternating current by inverters. The technical specifications of the plants would be updated soon.

1.9 Project Location

SPV Name	Plant Capacity (KW)	Site Address	District	State
Azure Power Thirty Eight Private Limited	2574.40	near sec 13 rohini delhi opposite vivekanda institute professional studies	Delhi	New Delhi
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
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
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, Chandni Chowk, Cuttack, Odisha-753002, India	Cuttack	Odisha
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	576.00	Jodhpur	Jodhpur	Rajasthan

Limited				
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
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
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 nagar Bhubaneswar, Odisha 751001	Khurda	Odisha
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
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 Bhojnagar 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 printing unit, Khanna nagar, Industrial Estate Khapuria, Cuttack, Odisha-753002, India	Cuttack	Odisha
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
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
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
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	Chattisgarh
Azure Power Rooftop One Private Limited	60.12	Raipur	Raipur	Chattisgarh
Azure Power Rooftop One Private Limited	1020.18	Rourkela	Rourkela	Odisha
Azure Power Rooftop One Private Limited	30.23	Bilaspur	Bilaspur	Chattisgarh
Azure Power Rooftop One Private Limited	50.05	Raigarh	Raigarh	Chattisgarh
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
Azure Power Rooftop One Private	15.28	Community Center,	Chandigarh	Chandigarh

Limited		Sector 38,W		
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
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
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
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
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
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
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	o	o	o

Azure power Rooftop one Private Limited	300.00	o	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
Azure power Rooftop one Private Limited	105.30	jaipur	jaipur	Rajasthan
Azure power Rooftop one Private Limited	55.25	o	o	o
Azure Power Rooftop Four Private Limited	298.00	Raipur	Raipur	Chattisgarh
Azure Power Rooftop Four Private Limited	100.10	Salem	Salem	Tamil Nadu
Azure power Rooftop one Private Limited	50.05	o	o	o
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	o	o	o
Azure power Rooftop one Private Limited	40.30	o	o	o
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
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	o	o	o
Azure Power Rooftop One Private Limited	30.23	Bilaspur	Bilaspur	Chattisgarh
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	o	o	o
Azure power Rooftop one Private Limited	45.18	o	o	o
Azure Power Mercury private limited	10.24	Cuttack	Cuttack	Odisha
Azure Power Mercury private limited	76.16	Cuttack	Cuttack	Odisha
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	o	o	o
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	o	o	o
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	o	o	o
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	o	o	o
Azure power Rooftop one Private Limited	35.10	o	o	o
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
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	100.10	Madurai	Madurai	Tamil Nadu

Limited				
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	Chattisgarh
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	Chattisgarh
Azure Power Forty Four Private Limited	162.24	Rajkot	Rajkot	Gujarat
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
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
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	o	o	o
Azure Power Mercury private limited	11.97	o	o	o
Azure Power Mercury private limited	23.94	o	o	o
Azure Power Mercury private limited	29.93	o	o	o
Azure Power Mercury private limited	25.20	o	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	Chattisgarh	Urla	Chattisgarh
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
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	Chattisgarh
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
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	Chattisgarh
Azure power Saturn Private Limited	1500.00	Jasola Vihar, New Delhi, Delhi	Delhi	New Delhi
Azure Power Genco Private Limited	80.85	Chattisgarh	Chattisgarh	Chattisgarh
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	Chattisgarh	Chattisgarh	Chattisgarh
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	Chattisgarh
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 Extension, 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
Azure Power Rooftop Four Private Limited	40.63	Bilaspur	Bilaspur	Chattisgarh
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
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	Chattisgarh

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
Azure Power Rooftop One Private Limited	265.00	Bhubaneswar	Bhubaneswar	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
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	Bhubaneswar	Bhubaneswar	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
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
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
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

Map would be updated soon

1.10 Conditions Prior to Project Initiation

The project is a Greenfield solar power project and does not involve generation of GHG emissions for the purpose of their subsequent reduction, removal or destruction. Prior to the initiation of the project activity, the equivalent amount of electricity would have been drawn from grid connected or new power plants, in Indian Grid. The grid is predominantly coal based and therefore is a major source of carbon dioxide emissions in India. The main emission in the pre project scenario is the power plants connected to the Indian Grid, and main GHG involved is CO₂. The baseline identified in section 2.4 is same as the pre-project scenario.

1.11 Compliance with Laws, Statutes and Other Regulatory Frameworks

The Project has received necessary approvals for development and commissioning for each PV Plant from the state Nodal agencies and is in compliance to the local laws and regulations.

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 solar 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.

1.12 Ownership and Other Programs

1.12.1 Project Ownership

The renewable energy technology installed at site of each of the project activities as part of the proposed project activity are under ownership of respective SPV/Project Proponent. These SPVs are a part of Azure Power India Pvt Ltd. The Power Purchase Agreement (PPA) for the project activity and commissioning certificate for project activity are the supporting documents to demonstrate the project ownership.

This demonstrates the right of use according to clause 3.11.1 (3) of VCS Standard (v3.7) – “a project ownership arising by virtue of a statutory, property or contractual right in the plant, equipment or process that generates GHG emission reductions and/or removals”.

1.12.2 Emissions Trading Programs and Other Binding Limits

The grouped project activity under consideration is not participating in any other Emission trading programme and other binding limits.

The all project activity instances are not participating at moment in any other emission trading programme and other binding limits. The GHG emission reductions generated during the current monitoring period have not been used for compliance of other mechanism.

1.12.3 Other Forms of Environmental Credit

The proposed grouped project activity neither has nor intends to generate any other form of GHG related environmental credit for GHG emission reductions or removals claimed under the VCS Program. The initial project activity instances are neither has nor intends to generate any other form of GHG related environmental credit for GHG emission reductions or removals claimed under the VCS Program.

1.12.4 Participation under Other GHG Programs

The proposed grouped project activity has not been registered and is not seeking registration at moment under any other GHG programs.

The initial project activity instances are not participating in any other GHG program.

1.12.5 Projects Rejected by Other GHG Programs

The proposed grouped project activity is not participating in other Environmental credits, other GHG programs and has not been rejected by other GHG programs.

The initial project activity instances are not participating in other Environmental credits, other GHG programs and have not been rejected by other GHG programs.

1.13 Additional Information Relevant to the Project

Eligibility Criteria

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 project activity instances shall meet applicability conditions for applicable methodology (either AMS I.D version 18.0 or AMS-I.F. Version 3.0) as defined in section 2.2
- 2) Geographical Area: 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
- 3) Baseline scenario: All Project Activity Instances shall meet the baseline definition as defined in respective methodology and as explained in section 2.4

4) Technology type: The project activity instances to be included in the grouped project activity will be Greenfield activities involving renewable electricity generation power plants with grid connection using solar technology.

5) Additionality: The project activity instances to be added as part of the grouped project will meet additionality criteria as set out in the methodology.

For small scale project activity instances - As per Guidelines on the Methodological Tool for the demonstration of additionality of small- scale project activities - Version 12.0.0 (EB 99, Annex 3), 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.

6) Start Date: 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.

7) Conditions that avoid double counting of emission reductions like unique identifications of project and claiming emission reduction only under one GHG program.

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.

9) The project activity using solar project will supply electricity to grid or to users through grid network.

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.D version 18) as defined in section 2.2	All initial project activity instances meet respective applicability conditions of methodology (for project activity instances having capacity greater than 15 MW) and AMS I.D Version 18.0 (for project activity instances having capacity less than 15 MW), hence this eligibility criteria is fulfilled. Please refer section 2.2 of this document for applicability criteria.

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.	All initial project activity instances being included in the grouped project are located within geographic boundaries of India. Hence this condition is fulfilled. Please refer commissioning certificate, PPA for Geographical area of project activity.
3	Baseline scenario: All Project Activity Instances shall meet the baseline definition as defined in respective methodology and as explained in section 2.4	All initial project activity instances have same baseline as per methodology as detailed in subsequent sections. Hence this eligibility criterion is fulfilled. Please refer section 2.4 of this document for baseline scenario.
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.	All initial project activity instances being included in the grouped project activity are solar PV power plants connected to grid and are green field activities. The generated electricity is supplied to grid. Hence this condition is fulfilled. Please refer PO / Commissioning certificate/PPA for the technology of project activity.
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.D. 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 first project activity instance being included in grouped project activity is large scale projects and their additionality is demonstrated as discussed in section 2.5 of this document. The project activity instance 2 to 16 are small scale project and is auto additional as discussed in section 2.5 of this document. Hence this condition is fulfilled. Please refer section 2.5 of this document for additionality.
6	Start Date: 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.	The start date of grouped project is considered as the earliest commissioning date of project activity instance and start date of all other project activity instances is after this date. Hence this condition is fulfilled. Please refer section 1.5 of this document or commissioning certificate for start date of grouped project activity.
7	Conditions that avoid double counting of emission reductions like unique identifications of project and claiming emission reduction only under one GHG program.	For initial project activity instances being included in grouped project activity, PP declaration has been provided and these project activity instances are not participating in any other GHG program. Hence this condition is fulfilled. Please refer PP declaration for no double accounting of GHG emission reductions.
8	The Grouped Project specific requirements stipulated by the Entity responsible for coordinating and managing grouped project for conducting local stakeholder consultations and environmental	For initial project activity instances being included in grouped project activity, EIA and local stakeholder consultation has been performed, the details of the event has been detailed in section 5.3

	impact assessment (EIA), as applicable	
9	The project activity using solar PV project will supply electricity to grid or to users through grid network.	For initial project activity instances being included in grouped project activity, are supplying electricity to grid. Please refer PPA of the project activity for same.

Leakage Management

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.

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

Commercially Sensitive Information

Not applicable. No any commercially sensitive information has been excluded from the public version of the project description. There is no commercially sensitive information.

Sustainable Development

Contribution to sustainable development:

Apart from generation of renewable electricity, the grouped project activity and project activity instances proposed to be included under it would contribute to the sustainable development of the region - socially, environmentally and economically. Ministry of Environment and Forests, has stipulated economic, social, environment and technological well-being as the four indicators of sustainable development. 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. The project activity creates local employment generation which helps economic well-being of local people.
- **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.

Further Information

Not Applicable.

2 APPLICATION OF METHODOLOGY

2.1 Title and Reference of Methodology

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

For grid connected small scale project activity instance:

Methodology: AMS I.D

Project Type: Type-I: Renewable Energy Projects

Title: Grid connected renewable electricity generation

Version No.: Version 18;

Reference: CDM Methodology³

The methodology refers to following CDM Tools:

- Tool to calculate the emission factor for an electricity system⁴ - (Version 07.0 EB 100, Annex 04)

For off grid small scale project activity instance:

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;

Reference: CDM Methodology⁵

The methodology refers to following CDM Tools:

- Tool to calculate project or leakage CO₂ emissions from fossil fuel combustion⁶ - (Version 03.0 EB 96, Annex 4)
- Baseline, project and/or leakage emissions from electricity consumption and monitoring of electricity generation- (Version 03.0, EB 96, Annex 5)
- Tool to calculate the emission factor for an electricity system⁷ - Version 07.0 (EB 100, Annex 04)

2.2 Applicability of Methodology

The small Scale grid connected project activity instances under grouped project activity will meets the applicability conditions of the approved methodology AMS I.D, Version 18.0, Sectoral Scope 1, as described below

Applicability	Project activity vis-à-vis applicability Conditions
1. This methodology comprises renewable energy generation units, such as photovoltaic, hydro, tidal/wave, wind, geothermal and renewable biomass: (a) Supplying electricity to a national or a regional grid. (b) Supplying electricity to an identified consumer facility via national/regional grid through a contractual arrangement such as wheeling.	The project activity is a Renewable Energy Project i.e. Solar Photo Voltaic Power Project which falls under applicability criteria option 1(a) or option 1 (b). Hence the project activity meets the given applicability criterion.

³ <https://cdm.unfccc.int/methodologies/DB/W3TINZ7KKWCK7L8WTXFQQOFQQH4SBK>

⁴ <http://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.pdf>

⁵ <https://cdm.unfccc.int/methodologies/DB/9KJWQ1G0WEG6LKHX21MLPS8BQR7242>

⁶ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-03-v3.pdf>

⁷ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.pdf>

2. Illustration of respective situations under which each of the methodology (i.e. “AMS-I.D.: Grid connected renewable electricity generation”, “AMS-I.F.: Renewable electricity generation for captive use and mini-grid” and “AMS-I.A.: Electricity generation by the user) applies is included in the appendix ⁸ .	The 1 st option or 3 rd option (of Table 2 of AMS I.D. Version 18, EB 61 is applicable (please refer footnote) as project supplies electricity to national grid.
3. This methodology is applicable to project activities that: (a) Install a Greenfield plant; (b) Involve a capacity addition in (an) existing plant(s); (c) Involve a retrofit of (an) existing plant(s); (d) Involve a rehabilitation of (an) existing plant(s)/unit(s); or (e) Involve a replacement of (an) existing plant(s).	The project activity instance is installation of new solar based electricity generation green field plants (not addition to existing system). Option “a” is applicable.
4. Hydro power plants with reservoirs that satisfy at least one of the following conditions are eligible to apply this methodology: • The project activity is implemented in an existing reservoir with no change in the volume of reservoir; • 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/m²; • 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.	The project is solar power project and thus the criterion is not applicable to this project activity.
5. If the new unit has both renewable and non-renewable components (e.g., a wind/diesel unit), the eligibility limit of 15 MW for a small-scale CDM project activity applies only to the renewable component. If the new unit co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 15 MW.	The small scale project activity instances involves only renewable component with capacity less than 15 MW. Unit does not co-fire fossil fuels. Hence the criterion is not applicable to the project activity.
6. Combined heat and power (co-generation) systems are not eligible under this category.	The Project activity is a renewable solar energy project and is not a combined heat and power system. Hence the criteria is not applicable to the project activity

8

	Project type	AMS-I.A	AMS-I.D	AMS-I.F
1	Project supplies electricity to a national/regional grid		√	
2	Project displaces grid electricity consumption (e.g. grid import) and/or captive fossil fuel electricity generation at the user end (excess electricity may be supplied to a grid)			√
3	Project supplies electricity to an identified consumer facility via national/regional grid (through a contractual arrangement such as wheeling)		√	
4	Project supplies electricity to a mini grid ⁸ system where in the baseline all generators use exclusively fuel oil and/or diesel fuel			√
5	Project supplies electricity to household users (included in the project boundary) located in off grid areas	√		

7. In the case of project activities that involve the 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 ⁹ from the existing units.	The project activity is Greenfield and there is no existing power generation facility at the site. Hence the criteria is not applicable to the project activity
8. 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.	Not applicable, the solar project is a Green field project activity and this project is not the enhancement or up gradation project.
9. In the case of landfill gas, waste gas, wastewater treatment and agro-industries projects, recovered methane emissions are eligible under a relevant Type III category. If the recovered methane is used for electricity generation for supply to a grid then the baseline for the electricity component shall be in accordance with procedure prescribed under this methodology. If the recovered methane is used for heat generation or cogeneration other applicable Type-I methodologies such as "AMS-I.C.: Thermal energy production with or without electricity" shall be explored.	The Project activity is a renewable solar Photovoltaic power project and is not a landfill gas, waste gas, waste water treatment and agro-industries projects or recovered methane emissions project. Hence the criteria is not applicable to the project activity
10. In case biomass is sourced from dedicated plantations, the applicability criteria in the tool "Project emissions from cultivation of biomass" shall apply.	The Project activity is a renewable solar Photovoltaic power project and is not a biomass project. Hence the criterion is not applicable to the project activity.

The small Scale off grid project activity instances under grouped project activity will meets the applicability conditions of the approved methodology AMS I.F, Version 3.0, Sectoral Scope 1, as described below

Applicability Condition of AMS IF Ver. 3	Project activity vis-à-vis applicability Conditions
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.	The project activity comprises renewable solar energy generation units which supplies power to the users. The project activity will displace electricity from INDAN Grid, which is supplied by predominantly fossil fuel plants.
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 .	Project activity instances does not include hydro power generation.

⁹ Physically distinct units are those that are capable of generating electricity without the operation of existing units, and that do not directly affect the mechanical, thermal, or electrical characteristics of the existing facility. For example, the addition of a steam turbine to an existing combustion turbine to create a combined cycle unit would not be considered "physically distinct".

(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/m ² .	
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).	(a) All project activity instances are installation of new power plants.
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.	Project instances are not capacity addition. All instances are green field installation.
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.	This Project activity instances are not a retrofit or replacement of existing project activity
If the unit added has both renewable and non-renewable components (e.g. a wind/diesel unit), the eligibility limit of 15 MW for a small-scale CDM project activity applies only to the renewable component. If the unit added co-fires fossil fuel, the capacity of the entire unit shall not exceed the limit of 15 MW.	The project activity instances does not have a non-renewable component.
Combined heat and power (co-generation) systems are not eligible under this category.	The project activity instances does not involved with co-generation.
If electricity and/or steam/heat produced by the project activity is delivered to a third party, i.e. another facility or facilities within the project boundary, a contract between the supplier and consumer(s) of the energy will have to be entered that ensures that there is no double counting of emission reductions.	Every project activity instances having a contractual agreement between supplier and consumers in order to specifically avoid double counting.
In case biomass is sourced from dedicated plantations, the applicability criteria in the tool "Project emissions from cultivation of biomass" shall apply.	The project activity instances does not involved with biomass usage.

Tool to calculate the emission factor for an electricity system¹⁰ - Version 07.0 (EB 100, Annex 04)

Applicability Criterion	Project Case
This tool may be applied to estimate the OM, BM and/or CM when calculating baseline emissions for a project activity that substitutes grid electricity that is where a project activity supplies electricity to a grid or a project activity that results in savings of electricity that would have been provided by the grid (e.g. demand-side energy efficiency projects).	The project is a grid connected Greenfield solar power project and thus the tool is applicable.
Under this tool, the emission factor for the project electricity system can be calculated either for grid power plants only or, as an option, can include off-grid power plants. In the latter case, two sub-options under the step 2 of the tool are available to the project participants, i.e. option IIa and option IIb. If option IIa is chosen, the conditions specified in "Appendix 2: Procedures related to off-grid power generation" should be met. Namely, the total capacity of off-grid power plants (in MW) should be at	Steps involved in calculation of Emission Factor is included in section B.6.3 of the PDD as per the requirement of the tool

¹⁰ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.pdf>

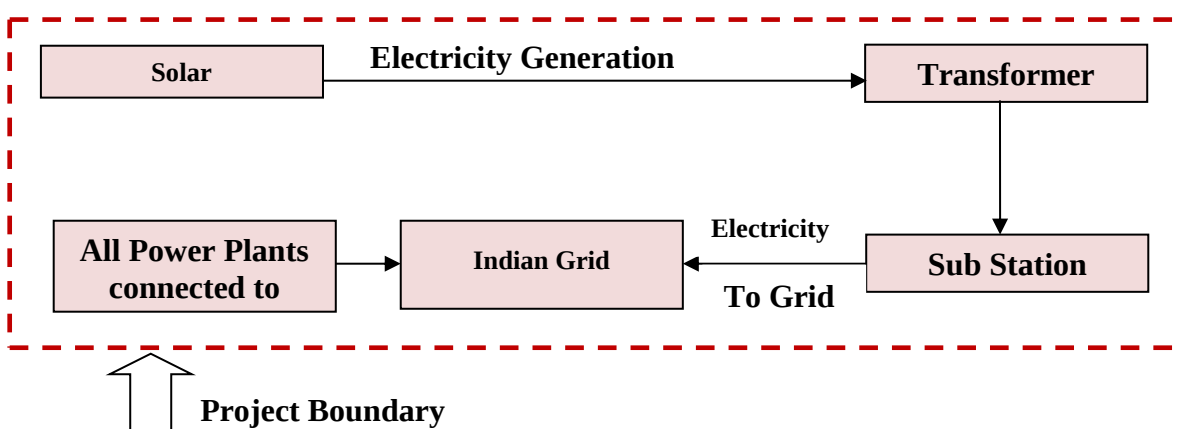
Applicability Criterion	Project Case
least 10 per cent of the total capacity of grid power plants in the electricity system; or the total electricity generation by off-grid power plants (in MWh) should be at least 10 per cent of the total electricity generation by grid power plants in the electricity system; and that factors which negatively affect the reliability and stability of the grid are primarily due to constraints in generation and not to other aspects such as transmission capacity.	
In case of CDM projects the tool is not applicable if the project electricity system is located partially or totally in an Annex I country.	Project is located in non-Annex I country and hence the tool is applicable
Under this tool, the value applied to the CO ₂ emission factor of biofuels is zero.	The project is a solar project and there is no involvement of biofuels.

The project activity qualifies as Type I during every year of the crediting period in accordance with applicable provisions for project activity eligibility as discussed above. Also the total installed capacity of project activity is 84.75 MW consisting of small scale project activity instances and respective methodology will be applicable for that project activity instances.

2.3 Project Boundary

As per AMS I.D, Version 18.0 “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”. Also as per AMS I.F Version 3.0 “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.”

The project boundary includes the solar project, sub-stations, grid and all power plants connected to grid. The proposed project activity will evacuate power to the Indian grid. Therefore the entire Indian grid and all connected power plants have been considered in the project boundary for the proposed VCS project activity.



The GHG emission sources considered for the project boundary and their explanations are as follows:

Source		Gas	Included?	Justification/Explanation
Baseline	Grid connected electricity generation	CO ₂	Yes	Main emission source
		CH ₄	No	Minor emission source
		N ₂ O	No	Minor emission source
		Other	No	No CO ₂ emissions are emitted from the project
Project	Greenfield Solar Power Project Activity.	CO ₂	No	No CO ₂ emissions are emitted from the project
		CH ₄	No	Project activity does not emit CH ₄
		N ₂ O	No	Project activity does not emit N ₂ O
		Other	No	Project activity does not emit other forms of GHG emissions

2.4 Baseline Scenario

As per the applicable methodology, a Greenfield power plant is defined as “a new renewable energy power plant that is constructed and operated at a site where no renewable energy power plant was operated prior to the implementation of the project activity”.

As per AMS I.D, Version 18.0; “*Electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources, as reflected in the combined margin (CM) calculations described in the “Tool to calculate the emission factor for an electricity system”.*”

Also, 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 publically available.

The combined margin of the INDIAN National Grid used for the project activity is as follows:

Parameter	Value	Nomenclature	Source
$EF_{grid,CMY}$	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

$EF_{grid,OM,y}$	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
$EF_{grid,BM,y}$	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

2.5 Additionality

Additionality Assessment for small scale project activity Instances

As per Guidelines on the Methodological Tool for the demonstration of additionality of small-scale project activities¹¹ - Version 12.0.0 (EB 99, Annex 3), 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.

2.6 Methodology Deviations

Not Applicable

3 ESTIMATED GHG EMISSION REDUCTIONS AND REMOVALS

3.1 Baseline Emissions

Will be updated

3.2 Project Emissions

Will be updated

3.3 Leakage

Will be updated

3.4 Estimated Net GHG Emission Reductions and Removals

Will be updated

¹¹ <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-21-v12.pdf>

4 MONITORING

4.1 Data and Parameters Available at Validation

Will be updated

4.2 Data and Parameters Monitored

Will be updated

4.3 Monitoring Plan

Will be updated

5 SAFEGUARDS

5.1 No Net Harm

The project activity does not involve any major construction activity. It primarily requires the installation of the WTGs, interfacing the generators with the State Electricity Board by setting up HT transmission lines and installation of other accessories.

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 same¹².

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.

5.2 Environmental Impact

The project activity has no significant impact on the environment. Solar projects are not included in the Schedule I of the EIA notification S.O.1533 (E) dated 14th September 2006¹³ and thus an EIA is not required.

5.3 Local Stakeholder Consultation

Will be updated

5.4 Public Comments

Will be updated

6 ACHIEVED GHG EMISSION REDUCTIONS AND REMOVALS

6.1 Data and Parameters Monitored

Will be updated

6.2 Baseline Emissions

Will be updated

¹² <http://mnre.gov.in/file-manager/UserFiles/report-on-developmental-impacts-of-RE.pdf>

¹³ <http://envfor.nic.in/legis/eia/so1533.pdf>

6.3 Project Emissions

Will be updated

6.4 Leakage

Will be updated

6.5 Net GHG Emission Reductions and Removals

Will be updated